DoD Joint Service Chemical and Biological Defense Program

Committee Staff Procurement Backup Book Fiscal Year 2008/2009 Budget Estimates Procurement, Defense-Wide



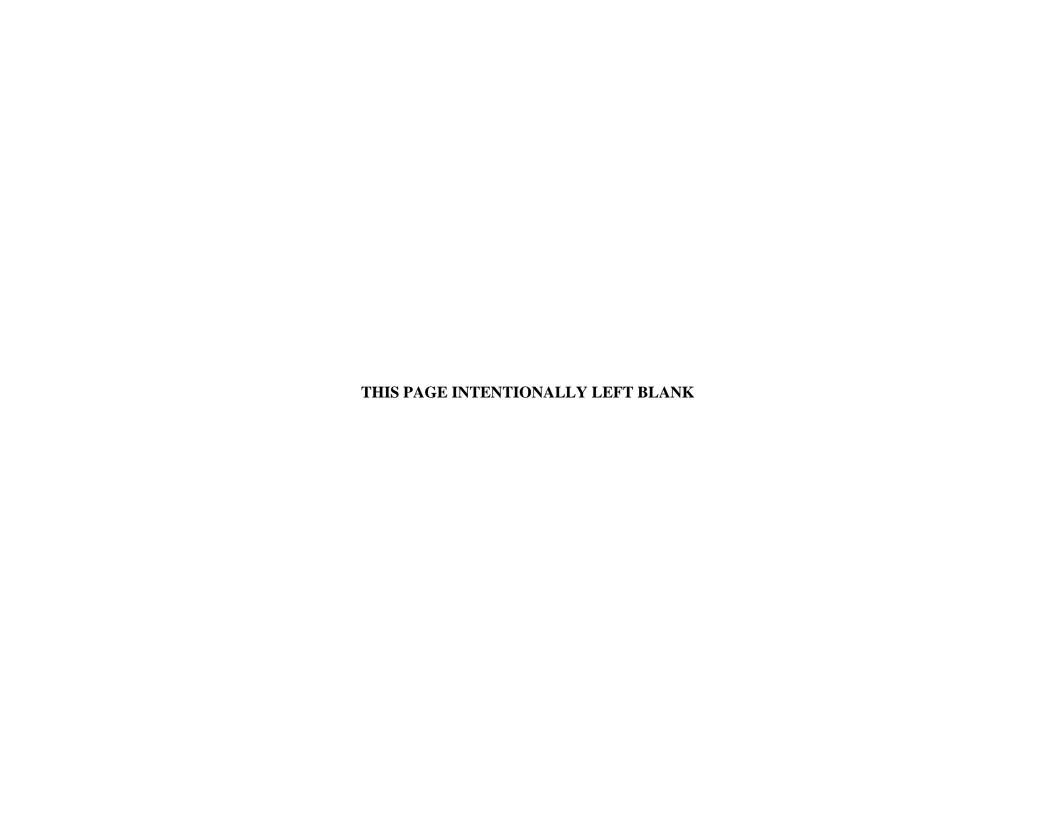


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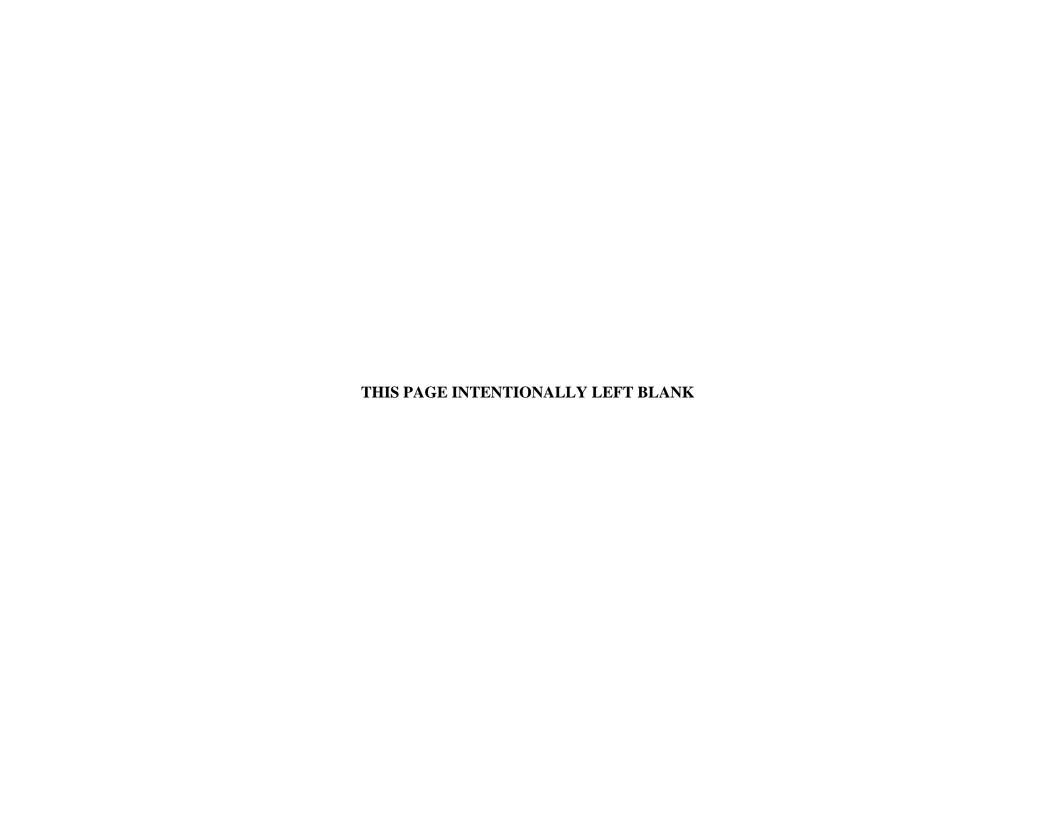
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Department of Defense Chemical and Biological Defense Program Overview

Fiscal Year (FY) 2008/2009 Budget Estimates

The DoD Chemical and Biological Defense Program (CBDP) is a key part of a comprehensive national strategy to counter the threat of chemical and biological weapons as outlined in the National Military Strategy to Combat Weapons of Mass Destruction, February 2006. The military mission is to dissuade, deter, defend, and defeat those who seek to harm the United States, its allies, and its partners thru WMD use or threat of use and, if attacked, mitigate the effects and restore deterrence. This mission is in direct support of the three pillars (non-proliferation, counterproliferation, and consequence management) of the National Strategy for Combating WMD. The DoD CBDP provides research, development, and acquisition (RDA) programs primarily to support the counterproliferation and consequence management pillars. In support of counterproliferation, the DoD CBDP provides passive defenses tailored to the unique characteristics of the various chemical and biological weapons, including emerging threats. These capabilities provide U.S. forces the ability to rapidly and effectively mitigate the effects of a CB attack against our deployed forces. In support of consequence management, the DoD CBDP provides capabilities to respond to the effects of WMD use against our forces deployed abroad, and the homeland.

The CBDP funds research to exploit leading edge technologies to ensure that U.S. forces are equipped with world class capabilities to defend against CB threats thru the far term. This budget includes support of a comprehensive science and technology base program to ensure continued advances in CB defense capabilities. CBDP Science & Technology (S&T) research provides core capabilities to ensure U.S. technological advantages thru the far term, including research into advanced chemical and biological detection systems, advanced materials for improved filtration systems and protection systems, advanced decontaminants, investigations into the environmental fate of chemical warfare agents, advanced information technologies, medical biological defense research (including novel biodefense initiatives that focus on interrupting the disease cycle before and after exposure, as well as addressing the bioengineered threat), diagnostics, therapeutics, and vaccines for viral, bacterial, toxin, and novel threat agents), and medical chemical defense (including investigations of low level chemical warfare agent exposures, diagnostics, therapeutics, pretreatments for classical chemical warfare threats and novel threat agents).

The CBDP also supports numerous Defense Technology Objectives (DTOs), which represent the key science and technology base programs for demonstrating advanced capabilities in the near and mid-term. During FY08, DTOs support operational capabilities to Sense (Reconnaissance, Detection and Identification), Shape (Battle Management), Shield (Individual & Collective Protection), and Sustain (Decontamination & Restoration) U.S. forces for passive defense, force protection, and consequence management missions. During FY08, the CBDP supports DTOs including capabilities for Environmental Fate of Nontraditional Agents, Chemical Warfare Agent Operational Exposure Hazard Assessment Research, Hazard Prediction with Nowcasting, Rapid Detection, Threat Assessment and Attribution of Genetically Engineered Biothreat Organisms Using Microarray-Based Resequencing Technologies, Western and Eastern Equine Encephalitis Vaccine Constructs for a Combined Equine Encephalitis Vaccine, Therapeutics for Ebola and Marburg Virus Infections, Multiagent (Molecular) Vaccines for Biowarfare Agents, and Chemical and Biological Hazard Environment Prediction.

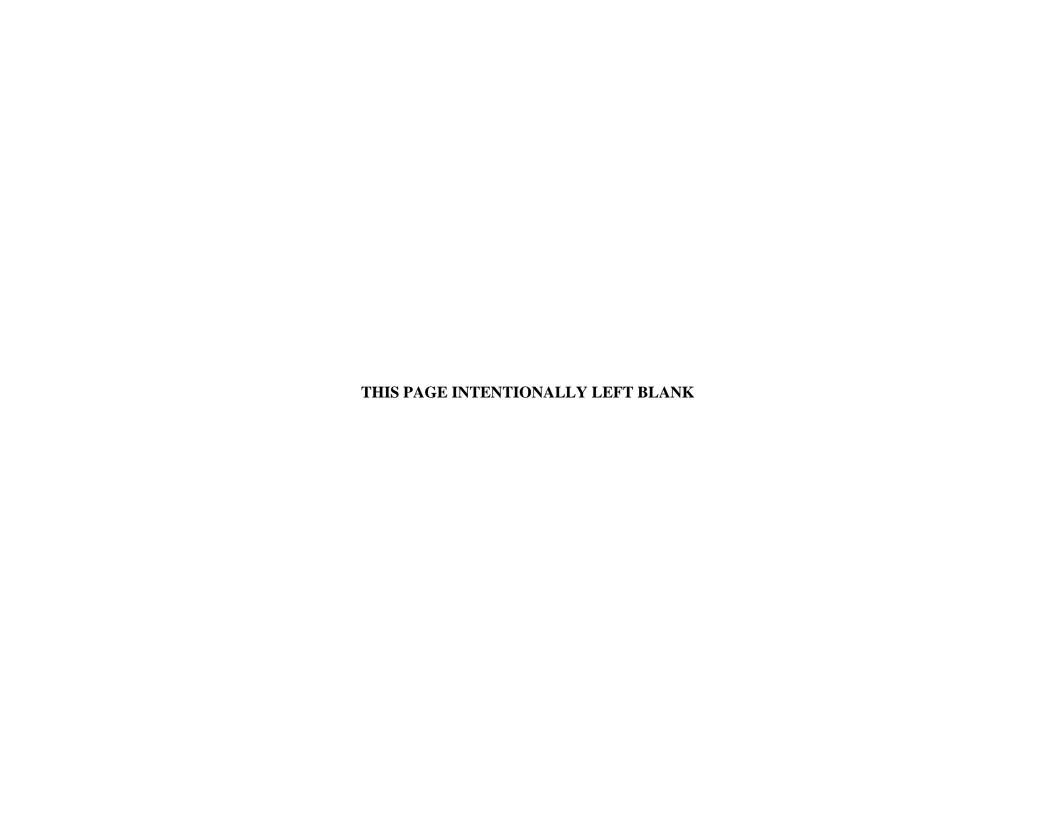
Technologies currently in Budget Activity 4 (Advanced Component Development and Prototypes) and Budget Activity 5 (System Development and Demonstration) provide leading edge tools that will enhance CB defense capabilities for U.S. forces in all CB defense missions in the near-term. The response to chemical and biological threats requires tailored approaches that recognize the fundamental differences between chemical and biological weapons (and even the different types of these threats). This budget details the comprehensive array of systems under development essential to support principles of contamination avoidance, protection, and decontamination.

Key systems in Budget Activity 4 and Budget Activity 5 in FY08 include: the Joint Chemical Agent Detector (JCAD) for portable point chemical agent detection, Joint Effects Model (JEM) and Joint Operational Effects Federation (JOEF) to provide risk management tools to the warfighter, Counterproliferation Advanced Concept Technology Demonstrations (ACTDs), Joint Service Sensitive Equipment Decontamination (JSSED), Joint Portable Decontamination System (JPDS), Joint Platform Interior Decontamination (JPID), Joint NBC Reconnaissance System (JNBCRS) Increments II and III, Advanced Anticonvulsant System (AAS), Bioscavenger, Improved Nerve Agent Treatment System (INATS), biological defense vaccines (including botulinum vaccine and plague vaccine) as part of the Joint Vaccine Acquisition Program (JVAP), Critical Reagents Program (CRP) to support development of reagents for biological detection and diagnostic systems, Joint Service Chemical/Biological/Radiological Agent Water Monitor (JCBRAWM), Joint Bio Tactical Detection System (JBTDS), Joint Warning and Reporting Network (JWARN), Joint Expeditionary Collective Protection (JECP), Joint Service Aircrew Mask (JSAM) and Medical Radiological Countermeasures.

In FY08, the CBDP will start or continue procurement on a variety of CB defense systems intended to provide U.S. forces with the best available equipment to survive, fight, and win in CB contaminated environments. Systems beginning procurement in FY08 include JCBRAWM, JNBCRS Increment II, and JOEF. Systems continuing procurement in FY08 include JSAM, Multi-Service Radiacs (MSR), Joint Service Transportable Decontamination System - Small Scale (JSTDS-SS), the Joint Effects Model (JEM), Joint Service General Purpose Mask (JSGPM), JWARN, Joint Biological Agent Identification and Diagnostic System (JBAIDS), Joint Service Mask Leakage Tester (JSMLT), Joint Service Lightweight Integrated Suit Technology (JSLIST), the NBC Reconnaissance Vehicle (NBCRV), JNBCRS Increment I, Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD), Joint Bio Point Detection System (JBPDS), biological defense vaccines, CB Protective Shelters (CBPS), Collective Protective Field Hospitals (CPFH), Collective Protection System Backfit (CPSBKFT), Joint Service Personnel/Skin Decontamination System (JSPDS), JCAD, CRP, Joint Service Chemical Environment Survivability Mask (JSCESM), and chemical and biological defense equipment for installation force protection.

Overall, the FY 2008 President's Budget achieves a structured, executable, and integrated medical and non-medical joint CB Defense Program that balances urgent short-term procurement needs that include securing the homeland from terrorist attack, and long-term S&T efforts to mitigate future CB attacks. A key element of the program is the Transformational Medical Technologies Initiative (TMTI). This program is a major FY06 Quadrennial Defense Review initiative for the development of new technologies to reduce risk from the likely emergence of genetically engineered or manipulated biological agents.

The program supports our commitment to ensure full dimensional protection for all our fighting men and women operating at home and abroad under the threat of chemical and biological weapons. All of these capabilities are integrated as a family-of-systems essential to avoid contamination and to sustain operational tempo on an asymmetric battlefield, as well as satisfy emerging requirements for force protection and consequence management. In summary, the DoD CBDP remains committed to establishing the optimal balance between the near term requirement to field modernized equipment to the field, and the need to protect and replenish our long term investment in technology.



Chemical/Biological Defense Procurement Program Summary

(\$ in Millions)

FY 2006 Actual	713,351
FY 2007 Estimate	516,909
FY 2008 Estimate	548,753
FY 2009 Estimate	540,685

Purpose and Scope of Work

The DoD Chemical and Biological Defense Program (CBDP) is a key part of a comprehensive national strategy to counter the threat of chemical and biological weapons as outlined in the National Military Strategy to Combat Weapons of Mass Destruction, February 2006. The military mission is to dissuade, deter, defend, and defeat those who seek to harm the United States, its allies, and its partners thru WMD use or threat of use and, if attacked, mitigate the effects and restore deterrence. This mission is in direct support of the three pillars (non-proliferation, counterproliferation, and consequence management) of the National Strategy for Combating WMD. The DoD CBDP provides research, development, and acquisition (RDA) programs primarily to support the counterproliferation and consequence management pillars. In support of counterproliferation, the DoD CBDP provides passive defenses tailored to the unique characteristics of the various chemical and biological weapons, including emerging threats. These capabilities provide U.S. forces the ability to rapidly and effectively mitigate the effects of a CB attack against our deployed forces. In support of consequence management, the DoD CBDP provides capabilities to respond to the effects of WMD use against our forces deployed abroad, and the homeland.

Justification of Funds

Funding for this program was transferred from individual Service NBC defense procurement programs pursuant to Public Law 103-160, Title XVII.

NBC Contamination Avoidance/CB Battle Management - Procurement of equipment to enhance U.S. capability to detect, collect samples, identify and provide warning of imminent (WMD) threats on the battlefield.

- o FY06/07/08/09: Continues procurement of the Joint Biological Point Detection System (JBPDS); the Joint NBC Reconnaissance System (JNBCRS) (formerly Joint Service Lightweight NBC Reconnaissance System (JSLNBCRS)), a NBC detection and identification system; the Joint Warning & Reporting Network (JWARN) which integrates NBC legacy and future detector systems, NBC Warning and Reporting Software Modules, and NBC Battlefield Management Modules in the Joint Services Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance general-purpose, accredited model for predicting NBC hazards associated with the release of contaminants into the (C4ISR) systems; the Joint Effects Model (JEM), a general-purpose, accredited model for predicting NBC hazards; and the Multi-Service Radiacs (MSR), a family of nuclear radiation detectors that are used by the Army, Marines and Navy to detect and measure various forms of nuclear radiation in the battle space and in Operations Other Than War. The systems allow them to avoid contamination and to reduce their exposure when avoidance is not possible.
- o FY06/07/08: Continues procurement of the Critical Reagents Program (CRP) to ensure the quality and availability of reagents critical to the successful development, test, and operation of biological warfare detection systems; JS LTWT Standoff CW AGT Detector (JSLSCAD) a chemical vapor detection system that will furnish 360-degree on-the-move coverage from ground, air, and sea-based platforms at distances of up to five kilometers; and NBC Recon Vehicle (NBCRV) a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment.
- o FY06: Continues procurement of the Joint Bio Standoff Detector System (JBSDS), a system capable of providing near real-time detection of biological attacks/incidents and standoff early warning detection/warning of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms.
- o FY07/08/09: Continues procurement of Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, man-portable, point-sampling, chemical warfare agent vapor detection/warning system.

o FY08/09: Initiates procurement of the Joint Operational Effects Federation (JOEF) a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations.

Force Protection - Procurement of Individual/Collective protection equipment and Vaccines (troop equivalent doses) to protect the soldier, sailor, airman or marine allowing personnel to operate in a contaminated CB environment.

- o FY06/07/08/09: Continues procurement of the Joint Service General Purpose Mask (JSGPM) a lightweight, protective Nuclear Biological Chemical mask system and Joint Service Chemical Environment Survivability Mask (JSCESM) a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face CB protection; the Joint Service Aircrew Mask (JSAM) system is a lightweight, CB protective mask for all aircrew; protective clothing to include the Joint Service Lightweight Integrated Suit Technology (JSLIST) protective ensembles; a lightweight protective mask that will provide above-the-neck, head, eye/respiratory protection against CB agents, radioactive particles, and Toxic Industrial Materials (TIMs); the CB Installation/Force Protection Program, a suite of tiered sampling/collection, detection, identification and warning response designed to provide early, indoor/outdoor collection, detection, presumptive identification and warning capabilities; the Collective Protection System back fit installation on three Navy amphibious ship classes (LHA, LHD, and LSD; the CB Protective Shelter (CBPS) a highly mobile, self-contained collective protection system which provides a contamination free working area; CP Field Hospitals (CPFH) which provides Joint Service medical personnel NBC collectively protected medical treatment facilities; the Biological Vaccine Program that protects U.S. forces with FDA approved vaccines to protect against current and emerging WMD threats, which could be deployed against maneuver units or stationary facilities in the theater of operations; and Joint Bio Agent Identification and Diagnostic System (JBAIDS) a common medical test equipment platform for all the Military Services which will identify both BW agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients.
- o FY06/08: Continues procurement of the Joint Protective Aircrew Ensemble (JPACE) garment. JPACE will provide aviators with improvements in protection from CB warfare agents, radiological particles, and TIMs.

o FY08/09: Initiates procurement of the Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM) an automated, man-portable water sampling device designed to provide early warning and monitoring of chemical and biological warfare threats in source and potable water supplies.

NBC Decontamination Systems - Procurement of a more transportable, less labor intensive, and more effective system for applying decontaminating solutions, removing gross contamination from vehicle and equipment surfaces, and maximizing the ability of units to remove contamination both on the move and during dedicated decontamination operations.

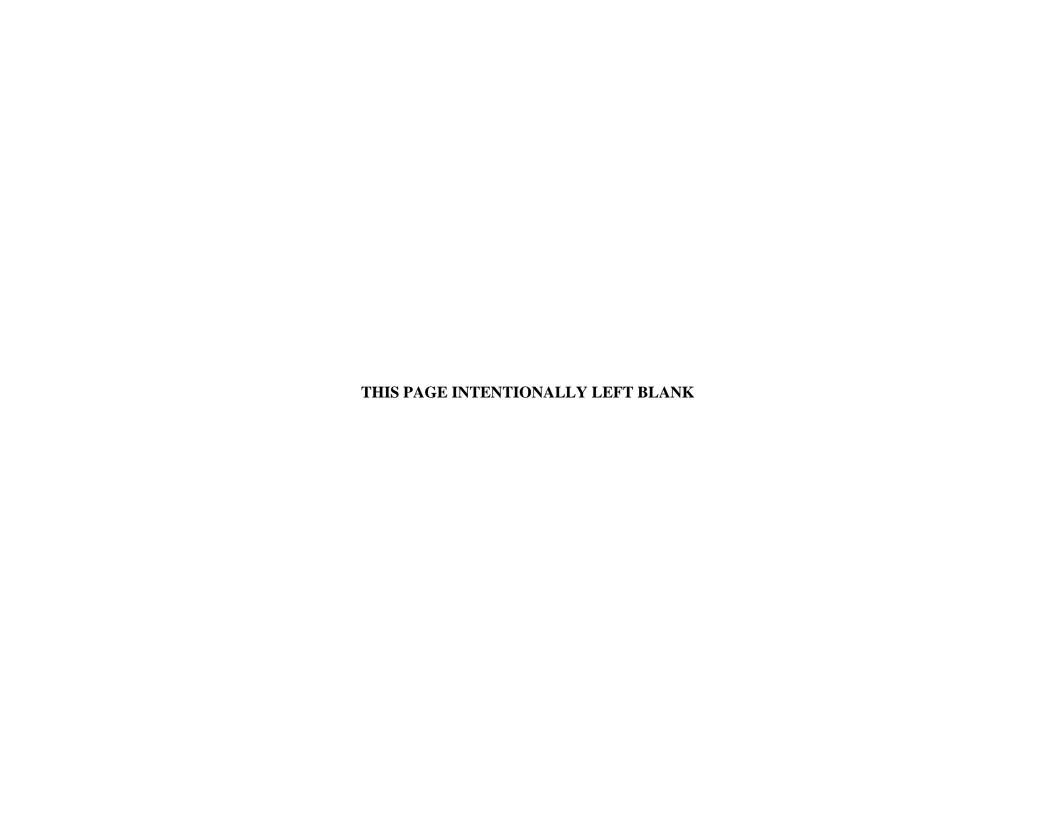
- o FY06/07/08/09: Continues procurement of the Joint Service Transportable DECON System Small Scale (JSTDS-SS) which will be transportable by a platform capable of being operated in close proximity to combat operations.
- o FY07/08: Continues procurement of the Joint Service Personnel/Skin Decontamination System (JSPDS) which will be used by the war fighter to perform immediate decontamination of skin, field protective masks, mask hoods, chemical protective gloves, chemical protective boots and small scale weapons (under .50 caliber).
- o FY09: Initiates the procurement of the Joint Service Sensitive Equipment Decon (JSSED) which provides decontamination capability for sensitive equipment that is used by the warfighter in high threat areas, such as night vision goggles and communication equipment.

DEFENSE-WIDE FY 2008 PROCUREMENT PROGRAM

APPROPRIATION: 0300D PROCUREMENT, DEFENSE-WIDE BUDGET ACTIVITY 03: CHEMICAL/BIOLOGICAL DEFENSE

EXHIBIT P-1 DATE: FEBRUARY 2007

				MILLIONS O	F DOLLARS	
	NE	IDENT	FY 2006	FY 2007	FY 2008	FY 2009
	O. ITEM NOMENCLATURE	CODE	QUANTITY COST	QUANTITY COST	QUANTITY COST	QUANTITY COST
1	BDP					
0'	76 INSTALLATION FORCE PROTECTION - JS1000		208.3	89.8	86.4	88.7
0′	77 INDIVIDUAL PROTECTION - GP1000		103.8	76.4	127.5	119.0
0'	78 DECONTAMINATION - PA1500		2.9	18.7	28.6	27.9
0′	JOINT BIO DEFENSE PROGRAM (MEDICAL) - MA0800		60.5	46.9	56.0	47.6
08	80 COLLECTIVE PROTECTION - PA1600		31.4	43.3	38.9	40.5
08	81 CONTAMINATION AVOIDANCE - GP2000		306.4	241.7	211.3	217.0
	TOTAL CHEMICAL/BIOLOGICAL DEFENSE		713.4	516.9	548.8	540.7



Budget Line Item #76 INSTALLATION FORCE PROTECTION

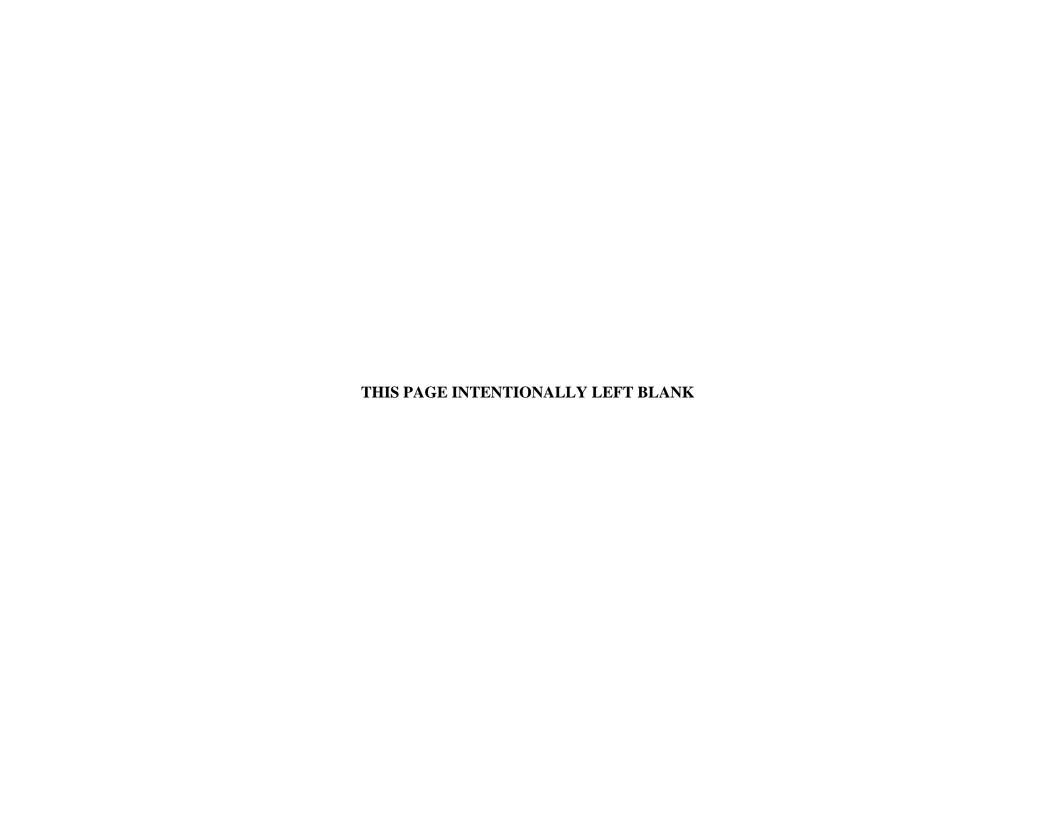


Exhibit	P-40, Budge	et Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		JS1000) INSTAL	LATION FOR	RCE PROTEC	TION	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	104.5	208.3	89.8	86.4	88.7	62.3	60.1			Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	104.5	208.3	89.8	86.4	88.7	62.3	60.1			Continuing	Continuing
Initial Spares											
Total Proc Cost	104.5	208.3	89.8	86.4	88.7	62.3	60.1			Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Installation Force Protection Program provides Chemical, Biological, Radiological, and Nuclear (CBRN) protection for CONUS/OCONUS DoD installation physical structures as well military personnel and others within the perimeter of the military reservation. Also, this program supports the acquisition of CBRN defense equipment requirements for the National Guard Bureau's Weapons of Mass Destruction Civil Support Teams (WMD-CST) and the United States Army Reserve (USAR) Reconnaissance and Decontamination Platoons.

The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a Family of Systems (FoS) that includes detection, identification, warning, information management, individual and collective protection, medical surveillance, protection and response. The FoS sensor and communications network will leverage existing installation capabilities and will be integrated into the base operational command and control infrastructure. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available Government Furnished Equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The program will procure the CBRN systems, Emergency Responder Equipment Sets, New Equipment Training (NET), Contractor Logistics Support, spares, and associated initial consumable items required to field an integrated installation protection capability.

The WMD-CST program supports the acquisition and delivery of an integrated chemical, biological, and nuclear analytical detection and rapid response capability for the National Guard Bureau's Weapons of Mass Destruction CSTs and the United States Army Reserve (USAR) Chemical Reconnaissance and Decontamination Platoons. Capabilities include a state-of-the-art Command, Control, Communications, Computer, and Intelligence (C4I) system that enables secure communications with federal, state, and local authorities from a WMD incident site.

Military Mail Screening Program Equipment (MMSP) will procure an initial fielding of screening equipment that will detect the presence of biological, chemical, radiological weapons, agents, pathogens or explosive devices within the military mail system before it is delivered to its intended recipients.

JUSTIFICATION: Installation Force Protections primary objective is to strengthen efforts for improving DoD installations against Chemical and Biological (CB) threats. WMD-CST allows for the equipping of Reserve Component units to provide enhanced response capabilities and to provide for additional support against the threat of terrorist CB attacks to American cities and communities in emergency and disaster situations. Also, this effort allows selected National Guard and other reserve component units to respond to and contain the effects of CB incidents in this country. Advanced chemical defensive equipment is required to enhance US capability to detect and identify threat agents in the battle space and the homeland.

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	.ctivity/Serial N SE-WIDE/3/CHE		•	e Item Nomencla) INSTALLATI CTION			Weapon Syster	n Type:	Date: Febru	aary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
WMD - CIVIL SUPPORT TEAM EQUIPMENT		56404			13146								
CB INSTALLATION FORCE PROTECTION PROGRAM		144708			76619			86418			88748		
MILITARY MAIL SCREENING PROGRAM EQUIPMENT		7200											
TOTAL		208312			89765			86418			88748		

Exhibit	P-40, Budge	t Item Justif	fication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome		0004) WMD - CIV	/IL SUPPORT	TEAM EQU	IPMENT	
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	13.3	56.4	13.1								82.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	13.3	56.4	13.1								82.8
Initial Spares											
Total Proc Cost	13.3	56.4	13.1								82.8
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: This program supports the acquisition and delivery of an integrated chemical, biological, and nuclear analytical detection and rapid response capability for the National Guard Bureau's Weapons of Mass Destruction Civil Support Teams (WMD-CST) and the United States Army Reserve (USAR) Chemical Recon and Decon Platoons. Capabilities include a state-of-the-art Command, Control, Communications, Computer, and Intelligence (C4I) system that enables secure communications with federal, state, and local authorities from a WMD incident site.

Major end items for this commercial off-the-shelf (COTS) based acquisition program include the Analytical Laboratory System (ALS), and the Unified Command Suite (UCS) for the WMD-CST. The ALS provides a mobile laboratory platform that incorporates advanced analytical detection technology for the identification of Chemical Warfare (CW) agents, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), Biological Warfare (BW) agents. The UCS provides secure communications interoperability with the ALS and reach back capability to federal, state, and local authorities from the incident site. The Commercial off-the-shelf System Program Analysis (C-SPA) effort provides a systemized methodology for selecting, verifying and validating Commercial off-the-shelf (COTS) equipment under consideration for fulfilling unmet requirements documented in the WMD-CST and USAR Tables of Distribution and Allowances. C-SPA ensures equipment purchases meet established standards of performance before purchase and distribution to units.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NCE		P-1 Item Nomenclature (JSC	0004) WMD - CIVIL SUPPORT TEAM EQUIPMENT
Program Elements for Code B Items:		Other Related	Program Elements:	oo iy waa ee yaa gerrotti 12.mi 2gerraatii
0603884BP/Proj CM4; 0604384BP/Proj CM5	В			

RDT&E Code B Item

This Commercial off-the-shelf (COTS) based acquisition program supports the development of an upgraded analytical detection capability designed to improve the selectivity and sensitivity of the Analytical Laboratory System (ALS Increment 1), enhanced command, control, communications, computers, and intelligence (C4I) systems capability for the Unified Command Suite (UCS Increment 1), and training devices for the Weapons of Mass Destruction Civil Support Teams (WMD CSTs). In addition, this program tests and evaluates COTS protection, detection and decontamination component equipment against established criteria in order to determine there ability to meet, WMD CST and United States Army Reserve (USAR) Recon and Decon Platoon, requirements. The ALS provides a mobile laboratory platform that incorporates advanced analytical detection technology for the identification of Chemical Warfare (CW) agents, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), Biological Warfare (BW) agents. The UCS provides secure communications interoperability with the ALS and reach back capability to Federal, State, and Local authorities from the incident site.

RDT&E FY05 and Prior - 24.2M; FY06 - 2.9M; FY07 - 4.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
ALS INCREMENT 1 PROGRAM	10 FY03	4Q FY08
Incr 1 - System Verification Test	3Q FY07	4Q FY07
Incr 1 - Fielding	1Q FY08	4Q FY08
UCS INCREMENT 1 PROGRAM	1Q FY04	3Q FY08
Incr 1 - Fielding	2Q FY07	3Q FY08

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE			Item Nomencla WMD - CIVIL MENT		EAM	Weapon System	т Туре:	Date: Febro	ıary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD		- 11						- 11				
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ALS Shelter Enhancement Program 1. ALS SEP Shelter Enhancement Efforts 2. Engineering Support		1638 177											
UCS Increment 1 1. UCS Increment 1 Upgrade 2. Advanced Encryption Standard 3. Engineering Support		23437 1600 924	51	460	4132 370	9	459						
ALS Increment 1 1. System Verification Test 2. ALS Increment 1 Upgrade 3. Engineering Support 4. System Fielding Support		3011 19528 534 2130	52	376	3240 464 970	9	360						
 C-SPA 1. AreaRae Sensors 2. SME Support 3. Market Survey / Working Group Facilitation 4. Engineering Support 		2484 211 205 525	57	43.579									
Florida CST #2 Stand Up 1. ALS Block 0 2. UCS Baseline 3. Chem Bio PPE, Detection, Decon Equipment Set 4. Engineering Support					470 1300 230 200	1 1 1	470 1300 230						
New York CST #2 Stand Up 1. ALS Block 0 2. UCS Baseline					470 1300	1 1	470 1300						
TOTAL		56404			13146								

	Exhibit P-5a, Budget P	rocurement His	story and Planning					Date:	ebruary 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE	-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	e:			tem Nomeno 50004) WMI		PPORT TEAM	I EQUIPM	ENT
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
UCS Increment 1 Upgrade										
FY 06	Naval Air Warfare Center	MIPR	Naval Air Station	Oct-06	Jul-07	51	459549	Yes		
	Aircraft Div, St. Inigoes,		Patuxent River, MD							
	MD		ŕ							
FY 07	Naval Air Warfare Center	MIPR	Naval Air Station	Dec-06	May-07	9	459111	Yes		
	Aircraft Div, St. Inigoes,		Patuxent River, MD							
	MD		,							
ALS Increment 1 Upgrade										
FY 06	EAI Corporation,	C/CPIF	RDECOM, Edgewood,	Aug-06	Feb-08	52	375538	Yes		Jun-06
	Abingdon, MD		MD							
FY 07	EAI Corporation,	C/CPIF Opt #1	RDECOM, Edgewood,	Dec-06	Jul-08	9	360000	Yes		Jun-06
	Abingdon, MD		MD							
AreaRae Sensors										
FY 06	Rae Systems, Inc., San Jose,	SS/FFP	RDECOM, Edgewood,	Aug-06	Nov-06	57	43579	Yes		Jul-06
	CA		MD							

Exhibit P-5a, Budget I	Procurement H	istory and Planning					Date:	February 20	07
ISE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Ty	pe:					PPORT TEAN	и EQUIPM	ENT
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Unknown	C/FFP	RDECOM, Edgewood,	Apr-07	Oct-08	1	470000	Yes		Feb-07
Naval Air Warfare Center Aircraft Div, St. Inigoes, MD	MIPR	Naval Air Station Patuxent River, MD	Apr-07	Oct-08	1	1300000	Yes		
Unknown	C/FFP	RDECOM, Edgewood,	Apr-07	Oct-08	1	470000	Yes		Feb-07
Naval Air Warfare Center Aircraft Div, St. Inigoes, MD	MIPR	Naval Air Station Patuxent River, MD	Apr-07	Oct-08	1	1300000	Yes		
	Contractor and Location Unknown Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Unknown Naval Air Warfare Center Aircraft Div, St. Inigoes, MD	Weapon System Tyles	Contract Method and Type Unknown C/FFP RDECOM, Edgewood, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Unknown C/FFP RDECOM, Edgewood, MD Raval Air Station Patuxent River, MD Variable Air Warfare Center MIPR Naval Air Station Patuxent River, MD Naval Air Warfare Center MIPR Naval Air Station Patuxent River, MD Naval Air Warfare Center MIPR Aircraft Div, St. Inigoes, Patuxent River, MD	Contractor and Location Contract Method and Type Location of PCO Award Date	Contractor and Location Contract Method and Type RDECOM, Edgewood, MD Apr-07 Oct-08	Naval Air Warfare Center Aircraft Div, St. Inigoes, Patuxent River, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, Patuxent River, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Station Apr-07 Oct-08 1	Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, MD Naval Air Warfare Center Aircraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 1300000 Naval Air Warfare Center Aircraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 1300000 Naval Air Warfare Center Aircraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 1300000 Naval Air Warfare Center Aircraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 1300000 Naval Air Warfare Center Aircraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 1300000 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, Naval Air Station Apr-07 Oct-08 1 Naval Air Carraft Div, St. Inigoes, N	SE-WIDE/3/CHEN-BIO DEFENSE Weapon System Type: Wea	SE-WIDE/3/CHE-BIO DEFENSE Weapon System Type: Reservation of PCO Method and Type Reservation of PCO MD Reservation of PCO MAD Reservation of PCO MD Reservation of PCO MAD Reservation of PCO MAD Reservation of PCO MAD Reservation of PCO MAD Reservation of PCO Man Reserv

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1	Rae Systems, Inc., San Jose, CA		1		3	60	Е	I	nitial /	Reord	er		0/0			10 / 2			13	/ 13			23 / 1	15								
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3	Wolfcoach, Auburn, MA		1		4	8	Е		nitial /				1 / 1			2/2				/7			9/9		4							
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Exhib	it P-40, Budge	t Item Justi	fication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome		CB INSTALLAT	ΓΙΟΝ FORCE	PROTECTIO	N PROGRAM	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	91.2	144.7	76.6	86.4	88.7	62.3	60.1				610.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	91.2	144.7	76.6	86.4	88.7	62.3	60.1				610.0
Initial Spares											
Total Proc Cost	91.2	144.7	76.6	86.4	88.7	62.3	60.1				610.0
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a tiered Family of Systems (FoS) that includes detection, identification, warning, incident management, individual and collective protection, medical surveillance, protection, response and initial recovery. The Baseline Tier consists of non-material solutions to include training materials, military and civilian CONOPS and Memorandum of Agreement (MOA) templates, and exercise plans and scenarios. Tier 1 adds to the Baseline Tier by providing material solutions to include CBRN portable and handheld detection, mass casualty response capability, individual protective equipment, incident management systems, and first responder pharmaceuticals. Tier 2 consists of the Baseline and Tier 1 capabilities and adds collective protection, decision support systems, and fixed chemical and biological sensors. This approach is flexible enough to accommodate the needs of specific installations, while standardizing major system elements to provide cost effective solutions. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available Government Furnished Equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The contractor is responsible for the preparation and conduct of New Equipment Training (NET), table top and fielding exercises. The Joint Project Manager provides one year of Contractor Logistics Support (CLS) to the installation following fielding. The program will procure and field capability tiered systems to approximately 139 high priority CONUS, OCONUS DOD installations thru FY 11.

JUSTIFICATION: FY 08 funds will procure, install and field 15 installation equipment sets.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JS0500)	CB INSTALLATION FORCE PROTECTION PROGRAM
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj CM5				

The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a tiered Family of Systems (FoS) that includes detection, identification, warning, information management, individual and collective protection, restoration, medical surveillance, protection and response. The tiered FoS sensor and communications network will leverage existing installation capabilities and will be integrated into the base operational command and control infrastructure. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available Government Furnished Equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The program utilizes a Lead Systems Integrator (LSI) to procure the commercial off-the-shelf (COTS) CBRN systems and sensors and Emergency Responder Equipment Sets. The LSI is responsible for the preparation and conduct of New Equipment Training (NET) and fielding exercises. The LSI will assemble, deliver and install the specific items of equipment needed to optimize CBRN protection and response capability at each targeted installation and provides one year of Contractor Logistics Support (CLS) to the installation following fielding. The Government Joint Project Manager (JPM) procures government off-the-shelf systems from existing Program Managers or Item Managers and delivers these systems/items to the LSI for integration with required COTS equipment and fielding to the installation.

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	SIAKI	COMPLETE
Site Design	4Q FY04	1Q FY11
Site Installation and Fielding	1Q FY05	4Q FY11
Site Contractor Logistics Support	4Q FY05	4Q FY12

COMPLETE

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial No		(JS0500)	ttem Nomencla CB INSTALLA	ATION FORCE	3	Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Site Assessment & Design													
LSI Site Assessment & Design		20771	50	415	8135	17	479	8277	15	552	8169	14	584
2. Prime Mission Product													
LSI Prime Mission Equipment													
Individual Protection Ensembles (Various)		27107	23700	1.144	13471	11724	1.149	14895	12798	1.164	13991	11850	1.181
Bio Sample Collection Kit		131	50	2.620	70	26	2.692	74	27	2.741	70	25	2.800
Toxic Industrial Chemical Detector Kits		1124	200	5.620	384	68	5.647	346	60	5.767	329	56	5.875
Handheld Chemical Monitor		1167	150	7.780	401	51	7.863	355	45		338	42	8.048
Mass Casualty Decon System		4329	150	28.860	1251	43		1333	45		1271	42	30.262
Equipment Decon System		892	50	17.840	305	17	17.941	276	15		263	14	18.786
Incident Management System (IMS)/Decision Support System (DSS)		1482	150	9.880	505	51	9.902	767	39	19.667	1073	30	35.767
Mass Notification System (MNS) Equipment		8000	50	160	2730	17	161	2490	15		2400	14	171
Reference Materials Set		76	50	1.520	27	17	1.588	24	15	1.600	23	14	1.643
Site Support Equipment					1036			646			608		
GFE													
Biological Agent Detection (DFU 2000)					488	72	6.778	1191	116		1529	104	14.702
ICAM		747	150	4.980	257	51	5.039	232	45		221	42	5.262
Portable Chemical Detector (M22 ACADA) & associated equipment		2261	150	15.073	643	42	15.310	500	30	16.667	477	28	17.036
AN/PDR-77 (Radiological Detector) & Subassembly		1672	200	8.360	656	78	8.410	773	90	8.589	737	84	8.774
AN/PDQ-1 w/ Radiac Probe Kit Portable Radiation Detector		180	100	1.800	15	8	1.875	14	7	2	13	6	2.167
AN/UDR-14 Radiation Dosimeter		1144	1550	0.738	89	120		62	80		59	75	0.787
EPD Mark II Radiation Dosimeter & Accessories		581	1500	0.387	249	638	0.390	131	330		125	308	0.406
EPD N2 Radiation Dosimeter & Accessories		465	600	0.775	81	99	0.818	37	45		36		0.857
Individual DECON Kits (Various)		99	150	0.660	24	35		21	30		20	28	0.714
ADM 300 C Kit Portable Radiation Detector		615	100	6.150	50	8	6.250	45	7	6.429	39	6	6.500

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		(JS0500)	Item Nomencla CB INSTALLA CTION PROGR	ATION FORCE	3	Weapon Syster	т Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ADM-300 Verification E-Kit		73	100	0.730	2	3	0.667	2	3	0.667	2	3	0.667
Radiological Identification (GR-135)		1629	200	8.145	557	68	8.191	502	60	8.367	479	60	7.983
Irda Dosimeter Reader		43	50	0.860	22	25	0.880	13	15	0.867	13	14	0.929
M256 Chemical Agent Detector Kits		24	200	0.120	12	96	0.125	14	108	0.130	14	100	0.140
M256 Training Kits		87	368	0.236	23	96	0.240	30	120	0.250	29	112	0.259
Hand Held Assays		91	2000	0.046	49	1040	0.047	52	1080	0.048	49	1000	0.049
Medical Response Pharmaceuticals					234			161			153		
OCONUS Shipping and Transportation of Equipment		1920			2507			5039			4614		
3. Program Management Support													
LSI Systems Engineering & Program Management		7734			513			654			697		
Government Program Management		4803			4884			5616			6181		
Contract Source Selection					2800								
Acquisition Documentation & Analysis					384								
4. Integration & Fielding													
LSI Mass Notification and Telephonic Alert System Deployment (CONUS/OCONUS)		21151	50	423	7228	17	425	7105	15	474	6885	14	492
Tier 1 Deployment					428	9	47.556	632	13	48.615	496	10	49.600
Tier 2 Deployment					420		47.550	574	2		1205	4	301
Tier 0 Baseline Products					2535			2021	_	207	2057	·	301
LSI Installation Evaluation Support		3233			3149			4573			5123		
201 Instantation Distribution Support		3233			3117			1373			3123		
5. Logistics Support													
LSI Contractor Logistics Support		3050			1275			2688			2688		
Government Logistics Support		3081			2035			4255			4590		
Initial Spares								150			306		
6. Training & Exercises													
CBRN Training Package		2951			1591			1582			1431		
Cold. Haming Luckage		2/31			1371			1362			1431		

Exhibit P-5, Weapon WPN SYST Cost Analysis				activity/Serial N SE-WIDE/3/CHE		(JS0500)	ttem Nomencla CB INSTALL CTION PROGR	ATION FORCI	Ξ	Weapon Syster	п Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
NET Training Package		1585			415			403			383		
Incident Management System Training		781			266			259			245		
CoBRA Training		758			258			251			238		
CBRN Plans Training		1062			379			342			326		
Tabletop, Functional, and Full-Scale Exercises		7572			4720			5408			5336		Ī
CBRN Plans Update		1262			361			351			350		
7. Confirmation Lab Familian													
7. Confirmatory Lab Equipment Bio Analysis Facility Operations		1771			1801			1950			2001		
8. Building Collective Protection													
LSI Collective Protection								810			1654	4	414
Government Collective Protection								69		34.500	141	4	35.250
Government Systems Engineering		7204			7324			8423			9271		
TOTAL		144708			76619			86418			88748		ı

		Date:	February 20	07						
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/C	HEM-BIO DEFENSE	Weapon System Ty	pe:			tem Nomeno)) CB INSTA		ORCE PROTI	ECTION PI	ROGRAM
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
LSI Site Assessment & Design										
FY 06	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Apr-06	Jun-06	50	415420	Yes		
FY 07	Unknown	C/FFP	Unknown	Apr-07	Jun-07	17	478529	Yes		
FY 08	Unknown	C/FFP	Unknown	Apr-08	Jun-08	15	551800	Yes		
FY 09	Unknown	C/FFP	Unknown	Apr-09	Jun-09	14	583500	Yes		
EPD N2 Radiation Dosimeter & Accessories										
FY 07	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	99	818	Yes		
FY 08	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	45	822	Yes		
FY 09	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	42	857	Yes		
ADM 300 C Kit Portable Radiation Detector										
FY 07	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	M ar-07	Apr-07	8	6875	Yes		

The Installation Protection Program is focused on providing permanent collective protection capability to support the sustainment and continued operations of mission critical functions at a select number of bases. This collective protection consists of the following major components: CBRN Filtration System (Filters and Hardware); HVAC System Modifications; Entry / Exit Vestibules; Limited Building Modifications. The actual number of required systems will vary depending on individual installation requirements. Costs for each system will vary based on the size and physical state of the existing HVAC system and building. Funding for this capability is available for a small number of bases in FY 05 and FY 07.

Lead System Integrator (LSI) contract includes all funding provided to procure LSI provided items, site preparation, prime mission equipment, engineering support, integration and fielding, and logistics support.

IPP Recompete Contract is expected to be awarded 3QFY07.

	Exhibit P-5a, Budget P	Procurement H	istory and Planning					Date: F	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WID	DE/3/CHEM-BIO DEFENSE	Weapon System Ty	pe:			tem Nomeno)) CB INST		ORCE PROT	ECTION PI	ROGRAM
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
ADM 300 C Kit Portable Radiation Detector	r (cont)									
FY 08	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	7	6429	Yes		
FY 09	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	6	6500	Yes		
Radiological Identification (GR-135)										
FY 07	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	68	7794	Yes		
FY 08	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	60	7800	Yes		
FY 09	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	60	7983	Yes		
LSI Mass Notification and Telephonic Alert System Deployment (CONUS/OCONUS)		0.000	SMDC II ata 'Ila Al							
FY 07	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Feb-07	Apr-07	17	210000	Yes		
Tier 1 Deployment										
FY 07	Unknown	C/FFP	Unknown	May-07	Sep-07	9	47556	Yes		
FY 08	Unknown	C/FFP	Unknown	Jun-08	Oct-08	13	48615	Yes		
FY 09	Unknown	C/FFP	Unknown	Jun-09	Oct-09	10	49600	Yes		
Tier 2 Deployment										
FY 08	Unknown	C/FFP	Unknown	Jun-08	Nov-08	2	287000	Yes		

The Installation Protection Program is focused on providing permanent collective protection capability to support the sustainment and continued operations of mission critical functions at a select number of bases. This collective protection consists of the following major components: CBRN Filtration System (Filters and Hardware); HVAC System Modifications; Entry / Exit Vestibules; Limited Building Modifications. The actual number of required systems will vary depending on individual installation requirements. Costs for each system will vary based on the size and physical state of the existing HVAC system and building. Funding for this capability is available for a small number of bases in FY 05 and FY 07.

Lead System Integrator (LSI) contract includes all funding provided to procure LSI provided items, site preparation, prime mission equipment, engineering support, integration and fielding, and logistics support.

IPP Recompete Contract is expected to be awarded 3QFY07.

Exhibit P-5a, Budget I	Procurement Hi	story and Planning					Date:	February 20	07
/IDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:					ORCE PROT	ECTION PI	ROGRAM
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
Unknown	C/FFP	Unknown	Jun-09	Nov-09	4	301250	Yes		
Unknown	C/FFP	Unknown	Feb-08	Jun-08	2	405000	Yes		
Unknown	C/FFP	Unknown	Dec-08	Apr-09	4	413500	Yes		
JPM Collective Protection	MIPR	Dahlgren, VA	Feb-08	Jun-08	2	34500	Yes		
JPM Collective Protection	MIPR	Dahlgren, VA	Dec-08	Apr-09	4	35250	Yes		
	Contractor and Location Unknown Unknown Unknown JPM Collective Protection	Weapon System Type Contractor and Location Contract Method and Type Unknown C/FFP Unknown Unknown C/FFP JPM Collective Protection Mipr	Contract Method and Type Unknown C/FFP Unknown Unknown C/FFP Unknown Unknown C/FFP Unknown Unknown MIPR Dahlgren, VA	Weapon System Type: Contractor and Location Contract Method and Type Location of PCO Award Date	Weapon System Type: Contractor and Location Contract Method and Type Unknown C/FFP Unknown Unknown C/FFP Unknown C/FFP Unknown Unknown C/FFP Unknown Unknown Dec-08 Apr-09 JPM Collective Protection MIPR Dahlgren, VA P-1 Line I (JS0500) Award Date 1st Delivery Unknown Date 1st Delivery Unknown Date 1st Delivery Unknown Jun-09 Nov-09 Feb-08 Jun-08	Weapon System Type: Contract or and Location Contract Method and Type Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown Dec-08 Apr-09 Award Date 1st QTY Delivery Each Unknown Location of PCO Award Date 1st QTY Delivery Each Unknown Date Unknown Date Jun-09 Nov-09 4 Jun-08 2 JPM Collective Protection MIPR Dahlgren, VA Feb-08 Jun-08 2	Weapon System Type: Contract or and Location Contract Method and Type Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown C/FFP Unknown Date Feb-08 Apr-09 Award Date 1st QTY Unit Cost Delivery Each Value Sun-08 2 405000 JPM Collective Protection MIPR Dahlgren, VA Feb-08 Jun-08 2 34500	Nov-09 Head of the contract of the contrac	Sebruary 20 Sebruary 20

The Installation Protection Program is focused on providing permanent collective protection capability to support the sustainment and continued operations of mission critical functions at a select number of bases. This collective protection consists of the following major components: CBRN Filtration System (Filters and Hardware); HVAC System Modifications; Entry / Exit Vestibules; Limited Building Modifications. The actual number of required systems will vary depending on individual installation requirements. Costs for each system will vary based on the size and physical state of the existing HVAC system and building. Funding for this capability is available for a small number of bases in FY 05 and FY 07.

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IPP Recompete Contract is expected to be awarded 3QFY07.

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1 2	SAIC, Abingdon, MD SAIC, Abingdon, MD		1 1		3	10 2	E E		nitial / F nitial / F				0/0			3/4 5/5			4 / 8 /				7 / 7			-		for de				
3	Canberra Dover Inc, Dover, NJ		1		20	100	E E	_	nitial / F				0/0			2/5			5/				7/7		inte	gration	and fi	elding	to inst	allatior	sites.	
3 4	, ,		1		20	50	E	_					0/0			2/5			5 /				7/7		1							
5	Government Scientific Sources, Reston, VA		10		25	100	E E		nitial / F nitial / F		_		0/0			2/5				/ 2			7/7		1							
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6	SAIC, Abingdon, MD		-		-			_	nitial / F																1							
7 8	Unknown Unknown		1		20	100 100			nitial / I				0/0			4/4			3 /				7/7		1							
9			1		3	100		_	nitial / I		_		0/0			0/0			0 /				0/0		1							
9	JPM Collective Protection		1		3	10		II	nitial / F	seorde	er.		0/0			0/0			U /	/ U			0/0	'								

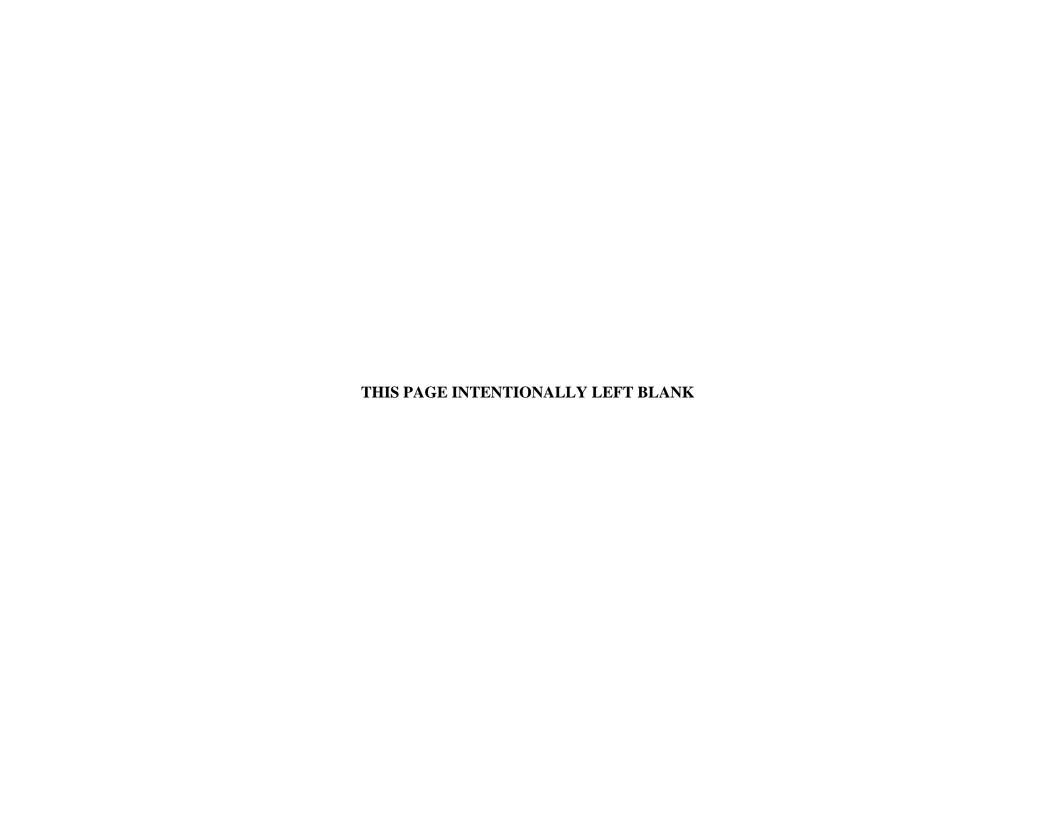
Exhibit	P-40, Budge	t Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEI	FENSE		P-1 Item Nome		MILITARY MAI	L SCREENIN	G PROGRAM	EQUIPMENT	1
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost		7.2									7.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)		7.2									7.2
Initial Spares											
Total Proc Cost		7.2									7.2
Flyaway U/C											
Wpn Sys Proc U/C											
<u> </u>											

DESCRIPTION: The Military Mail Screening Program is a Congressionally mandated program that created a plan to document solutions for the screening of all mail within the military mail system. The intent was to detect the presence of biological, chemical, radiological weapons, agents, pathogens, and explosive devices before mail is delivered to its intended recipients. The initial program concentrated on an engineering analysis of the most likely COTS/GOTS systems/equipment capable of detecting and responding to threats to mail products entering the Military Mail system. As mandated, a study was completed and submitted to Congress in 2006. FY 06 funds provided for the Non-Recurring Engineering necessary to document future implementation of a full-up Military Mail Screening Program. There are no FY 07 funds to procure, equip, and field solutions to Military Mail Centers. Congress has not authorized any additional funds to implement this program.

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	.ctivity/Serial N SE-WIDE/3/CHE		(JS9525)	ttem Nomencla MILITARY M AM EQUIPME	IAIL SCREEN	ING	Weapon Syste	т Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
COTS Verification / Validation Toxin Analysis and Verification / Validation Bio-Sampling and Laboratory Operations Site Analysis / Site Survey Support CONOPS Documentation Toxic Industrial Chemicals (TIC's) / Toxic Industrial Material (TIM's) Analysis Non-Recurring Engineering (Government) Non-Recurring Engineering (SETA) Program Management (Government)		2720 409 355 1273 750 158 657 665 213	1	2720									
TOTAL		7200											

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	17
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JS9525)	tem Nomenc MILITARY	:lature: Y MAIL SCRI	EENING PROC	GRAM EQU	JIPMENT
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
COTS Verification / Validation FY 06 REMARKS:	Institute for Defense Analysis	C/FFP	Alexandria, VA	Oct-05	Mar-06	1	2720000	Yes		Sep-05
NEWAKIO.										

	Evhihit D21 Duoduo	tion C	ah adıula			P-1 Item	Nomenclati) MIL	ITAE	ov M	AII C	CDE	ENIN	IC DD	OCP	AM	EOUI	DME	NT				Date:			Eo	bruary	, 200	7		
	Exhibit P21, Produc	uon S	chedule				(3.	39323) WIII.	AIA	CI IVI.			Year (JOOK	AIVI	EQUI	FIVIL	IN I				F	iscal	Year		oruary	200	,		_
				s	PROC	ACCEP	BAL								Cal	endaı	r Yea	r 06								Caler	ıdar `	Year (7			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	T E R
COTS Ve	erification / Validation	1	FY 06	A	1		1	A					1													L						
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MFR			PR	ODUCT	ION RATES										L	.EAD	TIME	S					ТОТА	L		REM	ARKS					
															strativ					iction					Del	iverabl	le was	a study	which	is a oi	ne-tim	e event.
Number	NAME/LOCATION Institute for Defense Analysis		MIN. 1		1-8-5	MAX.	UOM E	T.	nitial / l	Daanda			ior 1 O	Oct .		ter 1 C	Oct			1 Oct		A	fter 1 0		1							
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Budget Line Item #77 INDIVIDUAL PROTECTION

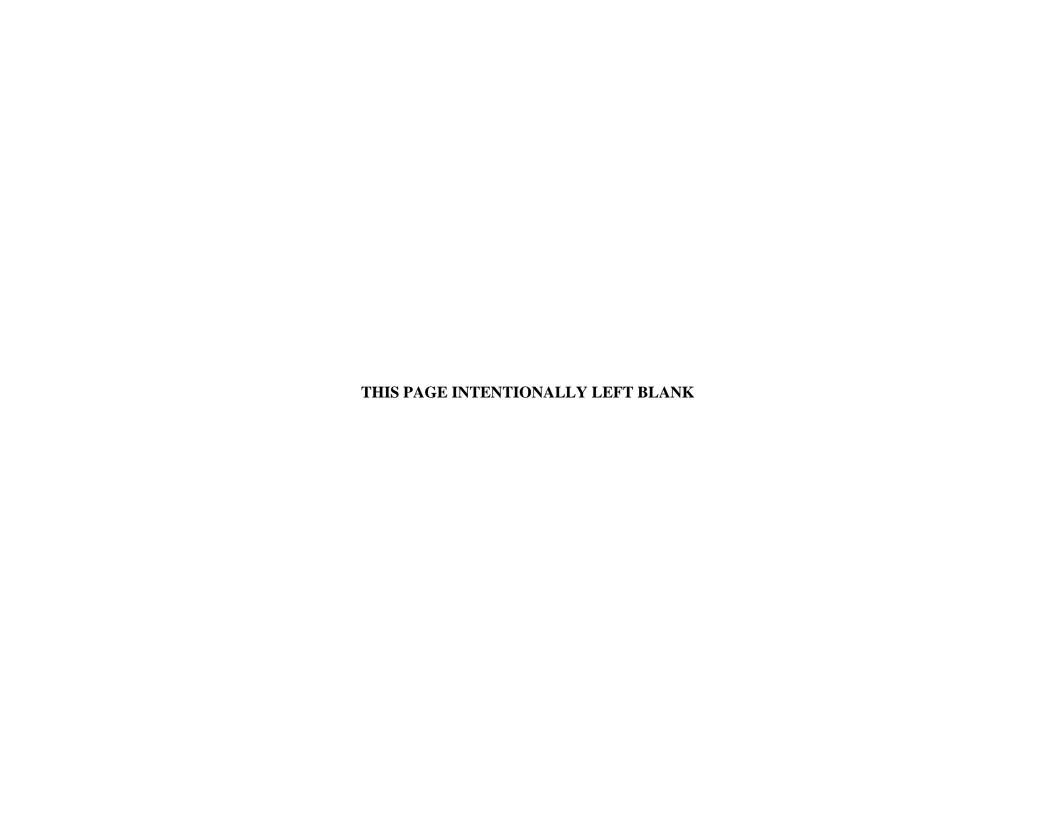


Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(GP1000) IN	IDIVIDUAL P	ROTECTION		
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	1319.8	103.8	76.4	127.5	119.0	85.4	60.9	63.0	59.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	1319.8	103.8	76.4	127.5	119.0	85.4	60.9	63.0	59.2	Continuing	Continuing
Initial Spares											
Total Proc Cost	1319.8	103.8	76.4	127.5	119.0	85.4	60.9	63.0	59.2	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: Program provides for protective masks, respiratory systems, and protective clothing. The Joint Service General Purpose Mask (JSGPM) is a lightweight, protective Nuclear Biological Chemical (NBC) mask system. It incorporates state-of-the-art technology to protect the Joint Forces from anticipated threats. The JSGPM will provide above-the-neck, head, eye/respiratory protection against Chemical and Biological (CB) agents, radioactive particles, and Toxic Industrial Materials (TIMs). The JSGPM mask system will replace the M40/M42 series (Army and Marine Corps), the MCU-2/P series (Air Force and Navy), and the M45 mask in the Land Warrior program. The Improved Protective Mask M53 (IPM) provides greater range of view, low profile, and interoperability with special SOCOM CB suits and will be used for counterproliferation missions for SOCOM. The Joint Service Chemical Environment Survivability Mask (JSCESM) is a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face protection against vapor and aerosol CB agents in low levels of contamination for U.S. Air Force missions. The Joint Service Aircrew Mask (JSAM) system is a lightweight, CB protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system with provide simultaneous CB and anti-G protection in high performance aircraft. The Joint Service Mask Leakage Tester (JSMLT) is a portable, unit-level device to determine proper fit and identify defective components of current and future protective masks. In the area of protective clothing: The Joint Service Lightweight Integrated Suit Technology (JSLIST) program will procure and field a common chemical protective ensemble (suits, boots, socks, and gloves) to US Forces. JSLIST promotes commonality and standardization to maximize resources and eliminate redundancy among the Services. The Joint Protective Aircrew Ensemble (JPACE) garment will provide protection from Chemi

JUSTIFICATION: Operational forces across the continuum of global, contingency, special operations/low intensity conflict, counternarcotics, and other high risk missions have an immediate need to survive and sustain operations in a CB threat environment. Individual protection is provided by means of masks, protective clothing, and aircrew respiratory systems and ensembles. The Joint NBC Defense program includes individual protection equipment that both improves current protection levels and reduces the physiological and logistical burden on the individual soldier, sailor, airman or marine. The goal is to procure equipment that will allow for the individual to operate in a contaminated CB environment with minimal degradation in his/her performance.

NOTE: The FY 2006 Individual Protection Commodity Area BLIN contains \$5.1M of Emergency Supplemental Funding.

Exhibit P-5, Weapon				.ctivity/Serial N SE-WIDE/3/CHE			Item Nomencla	ature: L PROTECTIO	N	Weapon Syster	т Туре:	Date: Febri	ıary 2007
WPN SYST Cost Analysis		DEFENSE					,						·
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JT SVC AIRCREW MASK (JSAM)		700			7970			21736			39175		
JOINT SERVICE GENERAL PURPOSE MASK (JSGPM/JSCESM)		27779			32243			45842			42963		
JOINT PROTECTIVE AIRCREW ENSEMBLE (JPACE)		23808						11027					
JOINT SERVICE MASK LEAKAGE TESTER (JSMLT)		9258			4934			9921					
INDIVIDUAL PROTECTION (IP) ITEMS LESS THAN \$5M		5100											
PROTECTIVE CLOTHING		37135			31277			39011			36838		
TOTAL		103780			76424			127537			118976		

Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JI0002) JT SV	'C AIRCREW	MASK (JSAN	M)	
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			2200	7122	12365	4871					26558
Gross Cost		0.7	8.0	21.7	39.2	15.9					85.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)		0.7	8.0	21.7	39.2	15.9					85.4
Initial Spares											
Total Proc Cost		0.7	8.0	21.7	39.2	15.9					85.4
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Service Aircrew Mask (JSAM) system is a lightweight, Chemical and Biological (CB) protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system will provide simultaneous CB and anti-G protection in high performance aircraft. Commonality between and within services is currently non-existent. The Army needed to re-design the M-48 mask to provide CB protection to AH-64 Apache aircrews. The current Air Force and Navy CB protective masks are not capable of providing anti-G protection. JSAM will be compatible with existing CB ensembles and life support equipment. JSAM is targeted to provide combined capability to enable the warfighter of the 21st century to fulfill full mission requirements. The JSAM program includes two major variants (Type I - Rotary Wing, and Type II - Fixed Wing), as well as the Integrated Helmet & Display Sighting System (IHADSS Type 1A) variant.

JUSTIFICATION: FY08 funding supports procurement of 6,536 JSAM Type 1 and 586 JSAM Type 1A IHADDS systems variant.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(JI0002) JT SVC AIRCREW MASK (JSAM)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IP5	В			

RDT&E Code B Item

The Joint Service Aircrew Mask (JSAM) system is a lightweight, Chemical and Biological (CB) protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system will provide simultaneous CB and anti-G protection in high performance aircraft. Commonality between and within services is currently non-existent. The Army needed to re-design the M-48 mask to provide CB protection to AH-64 Apache aircrews. The current Air Force and Navy CB protective masks are not capable of providing anti-G protection. JSAM will be compatible with existing CB ensembles and life support equipment. JSAM is targeted to provide combined capability to enable the warfighter of the 21st century to fulfill full mission requirements. The JSAM program includes two major variants (Type I - Rotary Wing, and Type II - Fixed Wing), as well as the Integrated Helmet & Display Sighting System (IHADSS Type 1A) variant.

RDT&E FY05 and Prior - 46.4M; FY06 - 14.5M; FY07 - 16.1M; FY08 - 12.9M; FY09 - 2.5M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
SDD	1Q FY03	4Q FY09
Types I/IA Development Test Readiness Review (DTRR)	4Q FY05	2Q FY06
MS C/FRP Decision Type 1A	3Q FY07	3Q FY07
MS C/FRP Decision Type 1	1Q FY08	1Q FY08
Fixed Wing (FW, Type II) DTRR	4Q FY07	2Q FY08
FW, Type II Milestone C	4Q FY08	4Q FY08
FW, Type II FRP Decision	3Q FY09	3Q FY09
Top Owl (TO, Type IB) DTRR	3Q FY08	3Q FY08
Top Owl FRP Decision	4Q FY09	4Q FY09

Exhibit P-5, Weapon		PROCUREMEN		ctivity/Serial N SE-WIDE/3/CHE			Item Nomencla		SAM)	Weapon Syster	п Туре:	Date: Febri	ıary 2007
WPN SYST Cost Analysis		DEFENSE	FY 06			FY 07			FY 08			FY 09	
Weapon System	ID	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSAM IHADSS Type 1A Variant	В	****		7000	7970		3.623						7777
JSAM Rotary Wing Type I Variant JSAM Fixed Wing Type II Variant Engineering Support	B B	700				2200	5.025	19324 200	6536			4445	3.016 3.395
TOTAL		700			7970			21736			39175		

	Exhibit P-5a, Budge	t Procurement Hi	story and Planning					Date:	ebruary 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Тур	ee:		P-1 Line I	tem Nomeno (JI0002)		CREW MASK	(JSAM)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss
JSAM IHADSS Type 1A Variant										
FY 07	AVOX, Lancaster, NY	C/FPI	Brooks, City-Base, TX	Dec-07	Apr-08	2200	3623	Yes		
FY 08	AVOX, Lancaster, NY	C/FPI Opt/1	Brooks, City-Base, TX	Dec-08	Feb-09	586	3775	Yes		
JSAM Rotary Wing Type I Variant										
FY 08	AVOX, Lancaster, NY	C/FPI	Brooks, City-Base, TX	Dec-07	Jan-08	6536	2957	Yes		
FY 09	AVOX, Lancaster, NY	C/FPI Opt/1	Brooks, City-Base, TX	Dec-08	Jan-09	7920	3016	Yes		
JSAM Fixed Wing Type II Variant										
FY 09	Gentex, Rancho	C/FPI	Brooks, City Base, TX	Jun-09	Jan-10	4445	3395	Yes		
	Cucamonga, CA									

	Exhibit P21, Produ	ection S	chadula			P-1 Item	Nomenclat	ure:	Œ	110000	2) IT	SVC.	AIRC	RFW	/ MA	SK (I	SAM	n						Date:			Fe	bruary	200	7		
	Exmolt 1 21, 1 rout	icuon s	Cifedule						(3	10002	2) 31			Year		JIX (3	57 1141	.,						F	iscal	Year		oruary	200	,		
				s	PROC	ACCEP	BAL								Cal	endaı	· Yea	ır 08								Calei	ndar \	Year (9			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
JSAM IH	IADSS Type 1A Variant	1	FY 07	A	2200		2200			A				497	660	660	383															
ICAN III	IADOG T IA V.	1	EW 00		506		506			\dashv																H						
	IADSS Type 1A Variant	1 1	FY 08 FY 08	A A	586 1634		586 1634															A		586		Н						
	otary Wing Type I Variant otary Wing Type I Variant	1	FY 08	AF	1634		1634			A A	660	660	314 346	660	628										\vdash	┢	+			\vdash		
	otary Wing Type I Variant	1	FY 08	MC	1634		1634			A			340	000	232	660	660	82								Н						
	otary Wing Type I Variant	1	FY 08	N	1634		1634			A					شارك	000	550	378	660	596												
JSAM Ro	otary Wing Type I Variant	1	FY 09	A	7221		7221			\dashv												A		660	660	660	660	660	660	660	660	1941
	otary Wing Type I Variant	1	FY 09	AF	233		233															Α	233									
	otary Wing Type I Variant	1	FY 09	MC	137		137															Α	137									
	otary Wing Type I Variant	1	FY 09	N	329		329															A	329									
JSAM Fi	xed Wing Type II Variant	2	FY 09	AF	2631		2631																					Α				2631
JSAM Fi	xed Wing Type II Variant	2	FY 09	MC	1814		1814																					Α				1814
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MED			DD.	ODLIGE	ION RATES			_		-		_				EAD			_		·								_	_	_	
MFR			PK	ODUCT	ION RATES								٨	Admini			HME	S	Produ	iction			TOTA	.L	IS A		ARKS		Jing)	Type l	Λ (ΔΙ	1.64
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C			ter 1 C	Oct			1 Oct		A	fter 1	Oct	Apa	iche) v	ariant	are pro	duced	by AV	OX.	
1	AVOX, Lancaster, NY		300		900	1080	Е	Iı	nitial / I	Reorde	er		0/0			2/2			5 ,	/ 2			7/4		Apache) variant are produced by AVOX. JSAM Type II (Fixed Wing) variants are produced by AVOX.							oduced
2	Gentex, Rancho Cucamonga, CA		90		800	1000		Iı	nitial / F	Reorde	er		0/0			8/8			5 /	/ 2			13 / 1	0	by Gentex.							
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	Exhibit P21, Produ	uction S	chodulo			P-1 Item	Nomenclati	ure:	(I	10002	2) JT (SVC	AIRC	RFW	/ MA	SK (I	SAM)						Date: February 2007 Fiscal Year 11								
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				S	PROC	ACCEP	BAL								Cal	endaı	r Yea	r 10								Caler	ıdar Y	ear 1	1			L
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ICAM D	otary Wing Type I Variant	1	FY 09	A	7221	5280	1941	660	660	621																						
	xed Wing Type II Variant	2	FY 09	AF	2631	3280	2631	000	000	021	615	821	821	374											_				_			
	xed Wing Type II Variant	2	FY 09	MC	1814		1814				013	021	021	447	821	546																
JOANI III.	ked wing Type II variant	2	11 09	IVIC	1014		1014							447	021	540										_						
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MFR			PR	ODUCT	ION RATES										ī	EAD	TIME	S					ТОТА	L		REM	ARKS					
			110										Α	Admini	strativ				Produ	iction				-	JSA				/ing)/	Type l	A (AI	H-64
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 O			ter 1 C	Oct			1 Oct		A	fter 1	Oct					-			
1	AVOX, Lancaster, NY		300		900	1080	Е	Iı	nitial / F	Reorde	er		0/0			2/2				/ 2			7/4			Apache) variant are produced by AVOX. JSAM Type II (Fixed Wing) variants are produced by the state of the st						
2	Gentex, Rancho Cucamonga, CA		90		800	1000			nitial / R				0/0			8/8				/ 2			13 / 1		by Gentex.							
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Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome		T SERVICE GEI	NERAL PURP	OSE MASK (JSGPM/JSCES	SM)
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	21331	71042	164782	194255	184080	165000	166000	171000	188000		1325490
Gross Cost	26.5	27.8	32.2	45.8	43.0	42.1	42.8	44.5	49.6	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	26.5	27.8	32.2	45.8	43.0	42.1	42.8	44.5	49.6	Continuing	Continuing
Initial Spares											
Total Proc Cost	26.5	27.8	32.2	45.8	43.0	42.1	42.8	44.5	49.6	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The JSGPM is a lightweight, protective Nuclear Biological Chemical mask system. It incorporates state-of-the-art technology to protect US Joint Forces from anticipated threats. The JSGPM will provide above-the-neck, head, eye/respiratory protection against Chemical and Biological (CB) agents, radioactive particles, and Toxic Industrial Materials (TIMs) as specified in the Joint Service Operational Requirements Document (JSORD), dated September 1998 and Capabilities Production Document (CPD) approved December 2005. The mask design will be optimized to minimize impact on the wearer's performance, and to maximize its ability to interface with fielded and future Joint Service equipment and protective clothing. The JSGPM mask system will replace the M40/M42 series of masks for Army and Marine ground and combat vehicle operations, and the MCU-2/P series for Air Force and Navy ground and shipboard applications. In addition, the JSGPM will replace the M45 mask in the Land Warrior program. This will significantly reduce the number of masks that will have to be logistically supported by the Department of Defense. The Improved Protective Mask M53 (IPM) will be used for counterproliferation missions for SOCOM and provides greater range of view, low profile, and interoperability with special SOCOM CB suits. The Joint Service Chemical Environment Survivability Mask (JSCESM) is a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face protection against vapor and aerosol CB agents in low levels of contamination for U.S. Air Force missions.

JUSTIFICATION: FY08 funds support procurement of the 6,638 Combat Vehicle Crewman (CVC) JSGPM, 169,369 JSGPM Ground /Ship and 18,248 JSCESM.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JI0003) JOIN	VT SERVICE GENERAL PURPOSE MASK (JSGPM/JSCESM)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj IP4; 0604384BP/Proj IP5	В			

RDT&E Code B Item

The JSGPM is a lightweight, protective Nuclear Biological Chemical mask system. It incorporates state-of-the-art technology to protect US Joint Forces from anticipated threats. The JSGPM will provide above-the-neck, head, eye/respiratory protection against Chemical and Biological (CB) agents, radioactive particles, Toxic Industrial Materials (TIMs) and Toxic Industrial Chemicals (TIC)s. The Joint Service Chemical Environment Survivability Mask (JSCESM) is a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face protection against vapor and aerosol CB agents in low levels of contamination.

RDT&E FY05 and Prior - 65.9M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Milestone C LRIP	2Q FY06	2Q FY06
Production Contract Award	2Q FY06	2Q FY06
Conduct System Demonstration	3Q FY02	2Q FY05
Developmental Testing (DT) Production Qualification Testing (PQT)	3Q FY04	2Q FY05
Initial Evaluation Report	1Q FY05	2Q FY05
Limited User Test (LUT)	4Q FY04	1Q FY05
Milestone C Low Rate Initial Production (LRIP) JSGPM	1Q FY05	2Q FY05
Production Contract Award	3Q FY05	4Q FY05
Material Release	2Q FY05	4Q FY05
Full Rate Production (FRP) Review	2Q FY06	1Q FY07
Multi-Service Operational Test and Evaluation (MOT&E) with Production Representative Articles	3Q FY06	4Q FY06
First Unit Equipped (FUE)/Initial Operational Capability (IOC)	1Q FY07	1Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N EE-WIDE/3/CHE		(JI0003)	Item Nomencla JOINT SERVIO SE MASK (JSG	CE GENERAL		Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSGPM (Ground/Ship) Hardware JSGPM (Combat Vehicle) Hardware Engineering Support First Article Test (FAT)/Production Test IOT&E System Fielding Support (Total Package Fielding(TPF), First Destination Transportation (FDT) & New Equipment Training NET)) Initial Spares (System Fielding Support) M53 Individual Protective Mask JSCESM Hardware Engineering Support System Fielding Support (TPF, FDT & NET) Production Acceptance Test Surveillance Test Lot Acceptance Test	В В В	3668 585 3880 1640 2287 1120 9000 2356 1275 351 1325 92 200	16750 2250 17000 19000	0.219 0.260 0.529 0.124	15548 1028 3867 10 662 3154 7141 453 50 330	94304 3696	0.165 0.278 0.107	28399 1878 5042 20 1558 5691 2365 409 50 330 100	169369 6638	0.283	30327 1881 5053 20 2100 3582	177556 6524	0.171 0.288
TOTAL		27779			32243			45842			42963		

	Exhibit P-5a, Budget P	rocurement His	story and Planning					Date: F	February 200)7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno (0003) JOIN	T SERVICE O	GENERAL PU JSCESM)	TRPOSE MA	ASK
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSGPM (Ground/Ship) Hardware										
FY 07	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Jan-07	Mar-07	94304	165	Yes		
FY 08	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-07	Jan-08	169369	168	Yes		
FY 09	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-08	Jan-09	177556	171	Yes		
JSGPM (Combat Vehicle) Hardware										
FY 07	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Jan-07	Sep-07	3696	278	Yes		
FY 08	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-07	Sep-08	6638	283	Yes		
FY 09	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-08	Sep-09	6524	288	Yes		

REMARKS: Option three of the base year contract is a five year production option for 100,000+ mask per year for FY07-11.

	Exhibit P-5a, Budget F	Procurement His	story and Planning					Date: F	February 200)7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WI	IDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno 0003) JOIN	T SERVICE (GENERAL PU JSCESM)	RPOSE MA	ASK
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
M53 Individual Protective Mask										
FY 06	AVON Protection Systems, Cadillac, MI	C/FFP	RDECOM, APG, MD	Aug-06	Oct-06	17000	529	Yes		
JSCESM Hardware										
FY 06	AVON Protection Systems, Cadillac, MI	C/FFP	RDECOM, APG, MD	Aug-06	Oct-06	19000	124	Yes		
FY 07	AVON Protection Systems, Cadillac, MI	C/FFP Opt/1	RDECOM, APG, MD	Feb-07	Apr-07	66782	107	Yes		
FY 08	AVON Protection Systems, Cadillac, MI	C/FFP Opt/2	RDECOM, APG, MD	Jan-08	Apr-08	18248	130	Yes		

REMARKS: Option three of the base year contract is a five year production option for 100,000+ mask per year for FY07-11.

						P-1 Item	Nomenclati																	Date:								
	Exhibit P21, Produ	iction S	chedule				(JI000)3) JO	INT S	SERV	ICE (GENE	ERAL	PUR	POSI	E MA	SK (J	ISGP	M/JS0	CESN	1)							bruary	200	7		
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JSGPM (Ground/Ship) Hardware	1	FY 06	A	16750		16750	A										8375	8375					\vdash	\vdash	┝			H			
	Combat Vehicle) Hardware	1	FY 06	Α	2250		2250	A											2250													
M53 Indi	vidual Protective Mask	1	FY 06	Α	17000		17000											A		4200	4200	4200	4200	200								
JSCESM	Hardware	2	FY 06	AF	19000		19000											Α		5879	7521	5600										
JSGPM (Ground/Ship) Hardware	1	FY 07	A	33250		33250																Α		3694	3694	3694	3694	3694	3694		11086
JSGPM (Ground/Ship) Hardware	1	FY 07	AF	30375		30375																Α		3375	3375	3375	3375	3375	3375		10125
JSGPM (Ground/Ship) Hardware	1	FY 07	MC	14849		14849																Α		1633	1633	1633	1633	1633	1633		5051
JSGPM (Ground/Ship) Hardware	1	FY 07	N	15830		15830																Α		1742	1742	1742	1742	1742	1742		5378
JSGPM (Combat Vehicle) Hardware	1	FY 07	Α	3696		3696																A								3696	
JSCESM	Hardware	2	FY 07	AF	66782		66782																	Α		5954	5954	5954	5954	5954	5954	31058
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	Hardware	2	FY 07	AF	66782	35724	31058	_	5104	5000	5000	5000	5000											T		T		\vdash	Н			
JSGPM (Ground/Ship) Hardware	1	FY 08	A	57717		57717		A		5247	5247	5247	5247	5247	5247	5247	5247		5247	5247	5247										
JSGPM (Ground/Ship) Hardware	1	FY 08	AF	54560		54560		Α		4960	4960	4960	4960	4960	4960	4960	4960		4960	4960	4960										
JSGPM (Ground/Ship) Hardware	1	FY 08	MC	27666		27666		Α		2400	2400	2400	2400	2400	2400	2400	2400		2822	2822	2822										
JSGPM (Ground/Ship) Hardware	1	FY 08	N	29426		29426		A		2560	2560	2560	2560	2560	2560	2560	2560		2982	2982	2982										
JSGPM (Combat Vehicle) Hardware	1	FY 08	A	6638		6638		Α										6638							L			L			
JSCESM	Hardware	2	FY 08	AF	18248		18248				A			6000	6248	6000										L			L			
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	Ground/Ship) Hardware	1	FY 09	A	63426		63426							L							A		5766	5766	5766	5766	5766	5766	5766	5766		17298
	Ground/Ship) Hardware	1	FY 09	AF	57057		57057							L							A		5187	5187	5187	5187	5187	5187	5187	5187		15561
	Ground/Ship) Hardware	1	FY 09	MC	27626		27626				_										A		2510	_	2510	2510	2510	2510	2510	2510		7546
JSGPM (Ground/Ship) Hardware	1	FY 09	N	29447		29447				_			-			_				A	-	2677	2677	2677	2677	2677	2677	2677	2677		8031
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ISGPM (Ground/Ship) Hardware	1	FY 09	A	63426	46128	17298	5766	5766	5766													┢			╀		+	+	+	+	+	
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Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		JOINT PROTEC	TIVE AIRCR	EW ENSEME	LE (JPACE)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	660	24020		17775							42455
Gross Cost	12.6	23.8		11.0							47.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	12.6	23.8		11.0							47.5
Initial Spares											
Total Proc Cost	12.6	23.8		11.0							47.5
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Protective Aircrew Ensemble (JPACE) garment will provide protection from Chemical and Biological (CB) warfare agents, radiological particles, and toxic industrial materials to aircrew of all military services and special forces. The JPACE garment ensemble will be used in conjunction with above-the-neck, individual head-eye-respiratory protection by rotary wing, fixed wing aircraft and combat vehicle personnel. JPACE will allow aircrew and combat crew to fly throughout their operating envelope in an actual or perceived CB warfare environment. The ensemble will be able to perform all normal and emergency procedures, both in-flight and on the ground. It will provide the ability to fully exploit combat capabilities in a CB environment while reducing heat stress induced by existing aircrew CB garments. JPACE replaces the Navy MK-1 undergarment, the Army Aviator Battle Dress Uniform - Battle Dress Overgarment (ABDU-BDO) system, and the Air Force CWU-66/P overgarment. JPACE will provide aviators with improvements in protection, reduced heat stress in CB environments, and extended wear and service life. This operational capability will support all Services.

JUSTIFICATION: FY08 funds support procurement of 17,775 JPACE suits.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JI0015)) JOINT PROTECTIVE AIRCREW ENSEMBLE (JPACE)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IP5	В			

RDT&E Code B Item

The Joint Protective Aircrew Ensemble (JPACE) garment will provide protection from Chemical and Biological (CB) warfare agents, radiological particles, and toxic industrial materials to aircrew of all military services and special forces. JPACE replaces the Navy MK-1 undergarment, the Army Aviator Battle Dress Uniform - Battle Dress Overgarment (ABDU-BDO) system, and the Air Force CWU-66/P overgarment. JPACE will provide aviators with improvements in protection, reduced heat stress in CB environments, and extended wear and service life. This operational capability will support all Services.

RDT&E FY05 and Prior - 30.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Control WestControl Design	10 5705	10 EV05
System Verification Review	1Q FY05	1Q FY05
Milestone C - Low Rate Initial Production (LRIP)	2Q FY05	2Q FY05
Independent Operational Testing	4Q FY05	2Q FY06
MS C Full Rate Production (FRP) Decision	2Q FY06	2Q FY06

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N SE-WIDE/3/CHE		(JI0015)	ttem Nomencla JOINT PROTE BLE (JPACE)		EW	Weapon Syster	n Type:	Date: Febro	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JPACE - Navy/Marine Corps Aviation JPACE - Marine Corps Ground JPACE - U.S. Army Engineering Support (Gov't)/Technical Support Quality Assurance (Gov't) Total Fielding Support	A A A	6872 4893 5690 3675 2678	14788 9232	0.465 0.530				3946 4924 874 926 357	9290				
TOTAL		23808						11027					

	Exhibit P-5a, Budget l	Procurement Hi	story and Planning					Date:	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE	E/3/CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I (ЛОО15	tem Nomeno 5) JOINT PR	elature: COTECTIVE	AIRCREW EN	NSEMBLE ((JPACE)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
JPACE - Navy/Marine Corps Aviation FY 06	Creative Apparel, Belfast, ME	C/FFP Opt/1	NAWCAD, Patuxent River, MD	Sep-06	Jun-07	14788	465	Yes		
JPACE - Marine Corps Ground FY 08	Creative Apparel, Belfast, ME	C/FFP Opt/3	NAWCAD, Patuxent River, MD	Dec-07	Feb-08	8485	465	Yes		
JPACE - U.S. Army	Creative Appeal Relfact	C/EED	NAWCAD, Patuxent	Dec-06	Sep-07	9232	530	Yes		
FY 06	Creative Apparel, Belfast, ME	C/FFP	River, MD							
FY 08	Creative Apparel, Belfast, ME	C/FFP	NAWCAD, Patuxent River, MD	Dec-07	Feb-08	9290	530	Yes		
REMARKS:										

						P-1 Item	Nomenclat																	Date:			_					
	Exhibit P21, Produ	ction S	chedule				((ЛОО1	.5) JO	INT I	PROT					ENSE	EMBI	LE (JI	PACE	.)								bruary	200′	7		
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		М	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	_		_	_	_				endaı	_	_				_	_	_		_		Year (_	Α
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JPACE -	Navy/Marine Corps Aviation	1	FY 06	MC	6532		6532												A									816	816	816	816	3268
	Navy/Marine Corps Aviation	1	FY 06	N	8116		8116												A									1014		1014	1014	4060
	Navy/Marine Corps Aviation	1	FY 06	U	140		140												Α									140				
	U.S. Army	1	FY 06	Α	9232		9232															Α									1864	7368
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MFR			PR	ODUCT	ON RATES										L	EAD	TIME	S					ТОТА	L		REM	ARKS					
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1	Creative Apparel, Belfast, ME		300		4500	6000	E	Iı	nitial /	Reord	er		0/0			11/2			10	/ 3			21/5	5								
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	Exhibit P21, Produ	ction S	chedule					(JI001	.5) JO	INT I	PROT					ENSI	EMB	LE (JI	PACE	E)								bruary	200′	7		
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		M	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	_		_	_			<u> </u>		enda		_				Ι.	-	Τ_		_		Year (_	Α
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	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
IPACE -	Navy/Marine Corps Aviation	1	FY 06	MC	6532	3264	3268	816	816	816	820			H								\vdash			╆	╆		\vdash				
	Navy/Marine Corps Aviation	1	FY 06	N	8116	4056	4060	1014	-	1014				Н												+						
	U.S. Army	1	FY 06	A	9232	1864	7368	1864		1864	1776																					
	•																															
JPACE -	Marine Corps Ground	1	FY 08	MC	8485		8485			Α		2000	2000	2000	2000	485																
JPACE -	U.S. Army	1	FY 08	A	9290		9290			A		1864	1864	1864	1864	1834						L			╄	╄						
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Exhibit	P-40, Budge	t Item Justii	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome) JOINT SERVIO	CE MASK LEA	AKAGE TEST	ER (JSMLT)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2481	148	85	296							3010
Gross Cost	36.8	9.3	4.9	9.9							60.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	36.8	9.3	4.9	9.9							60.9
Initial Spares											
Total Proc Cost	36.8	9.3	4.9	9.9							60.9
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Service Mask Leakage Tester (JSMLT) is a joint program among the Air Force, Navy, and Marine Corps. The JSMLT is a Commercial off-the-shelf (COTS) item. JSMLT will be a portable, unit level device, capable of determining proper fit and identifying defective and/or unserviceable components of current and future negative pressure NBC protective masks. The JSMLT alleviates the need for five different test devices (M14 Mask Leakage Tester, M4A1 Outlet Valve Leakage Tester, Q204 Drink Train Leakage Tester, Q179 Drink Train/Quick Disconnect Leakage Tester, and Q79A1 Air Flow Leakage Tester). Operating forces currently lack the capability to verify their Preventative Maintenance and Checks and Services (PMCS) on negative pressure NBC protective masks at the unit level. Currently, only the Joint NBC Defense Equipment Assessment Units possess the equipment necessary to verify PMCS. As a result, unacceptable numbers of masks do not receive correct PMCS and the readiness of operating forces is severely hampered. JSMLT will give the operating forces the ability to check whether masks are receiving the proper PMCS and will greatly increase the confidence of commanders in their masks. The ability to verify PMCS will also ensure that the lives of warfighters are not unnecessarily compromised. It will also promote greater awareness of proper PMCS, and therefore, have a positive impact on operating force readiness. The TDA-99M, which meets the JSMLT requirements is currently available as a COTS item, has contractor logistics support, and is on the GSA schedule.

JUSTIFICATION: FY08 funding will procure 296 JSMLT.

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N SE-WIDE/3/CHE		(JSM001	Item Nomencla) JOINT SERV GE TESTER (J	ICE MASK		Weapon Syster	n Type:	Date: Febru	aary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSMLT Systems Engineering Support (Gov't) First Article Test (FAT) Quality Assurance (Gov't) System Fielding Support (Total Package Fielding, First Destination Transportation & New Equipment Training)	A	3672 2914 375 538 1759	148	24.811	3239 1051 218 426	131	24.725	7313 1090 218 1300		24.706			
TOTAL		9258			4934			9921					

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JSM00	em Nomeno 1) JOINT S	lature: ERVICE MAS	SK LEAKAGI	E TESTER (JSMLT)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSMLT Systems										
FY 07	Air Techniques International, Owing, Mills, MD	C/FFP Opt/2	MCSC, Quantico, VA	Dec-06	Feb-07	131	24725	Yes		
FY 08	Air Techniques International, Owing, Mills, MD	C/FFP Opt/3	MCSC, Quantico, VA	Dec-07	Feb-08	296	24706	Yes		
REMARKS:										

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	Exhibit P21, Produ	icuon S	chedule				(JSMO	01) 30	JINI	SEK			Year		OE I	. E.3 I	EK (J.	DIVIL I	.)				I	Fiscal	Yea		oruar	y 200	7		
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JSMLT S	ystems	1	FY 05	AF	64		64		6	6	6	6	6	6	10	10	8															
JSMLT S	ystems	1	FY 05	MC	61		61		6	6	6	6	6	6	8	8	9															
JSMLT S	ystems	1	FY 05	N	57		57		6	6	6	6	6	6	7	7	7											\vdash				
JSMLT S	ystems	1	FY 06	AF	51		51	A			8	9	9	9	8	8										┢	+	+				
JSMLT S	ystems	1	FY 06	MC	49		49	Α			8	8	8	9	8	8										Г						
JSMLT S	ystems	1	FY 06	N	48		48	A			8	8	8	8	8	8										F						
JSMLT S	ystems	1	FY 07	AF	65		65															A		10	 							
JSMLT S	•	1	FY 07	MC	28		28															Α		4	4 4 4 4 4 4							
JSMLT S	ystems	1	FY 07	N	36		36															A		5	5	5	5	5	5	6		
JSMLT S	ystems	1	FY 07	U	2		2															A		2								
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Number 1	NAME/LOCATION Air Techniques International, Owing, Mills,	MD	MIN. 10		1-8-5 50	MAX. 75	UOM E	T.	nitial / l	Doord	ar.		ior 1 C			0 / 2	Jct			1 Oct		A	fter 1 (-							
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JSMLT S	ystems	1	FY 08	AF	108		108			A		15	15	15	15	15	15	18														
JSMLT S	ystems	1	FY 08	MC	80		80			A		11	11	11	11	11	11	14				L			╙	╙						
JSMLT S	ystems	1	FY 08	N	108		108			A		15	15	15	15	15	15	18					_		_							
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MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S					TOTA	ΛL		REM	ARKS					
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C			fter 1 (Oct			1 Oct		А	After 1	Oct								
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Exhibit	P-40, Budge	et Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEI	FENSE		P-1 Item Nome		NDIVIDUAL PR	OTECTION (IP) ITEMS LE	SS THAN \$5N	1
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	31.7	5.1									36.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	31.7	5.1									36.8
Initial Spares											
Total Proc Cost	31.7	5.1									36.8
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: This is a roll-up line containing individual protective equipment for which the annual procurement is less than \$5 million each. This line provides for the acquisition of the following items:

- (1) SOCOM M53 Chemical Biological Protective Mask will be used for counterproliferation missions.
- (2) M40A1/M42 Chemical Biological Protective Mask. The M40/M42 provides respiratory, eye, and face protection against chemical and biological agents

NOTE: The FY 2006 M40A1/M42 Chemical Biological Protective Mask cited above is funded with \$5.1M of Emergency Supplemental Funding.

Exhibit P-5, Weapon WPN SYST Cost Analysis				ctivity/Serial N SE-WIDE/3/CHE		(JX0055	e Item Nomencla 5) INDIVIDUAL LESS THAN \$5	PROTECTIO	N (IP)	Weapon System	т Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M40A1/M42 Chemical Biological Protective Mask Engineering Support	A	4760 340	19833	0.240									
TOTAL		5100											

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	Exhibit P21, Product	ion S	chedule				(JX	(0055)) IND	IVID	UAL 1					ΓEMS	LES	SS TH	AN \$	5M								bruary	2007	7		
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	M53 Chemical Biological Protective Mask	3	FY 05	A	4311		4311	-	538	538	-	538		538		545						-	┢	+	+-	┿	_		_			
M40A1/N	142 Chemical Biological Protective Mask	1	FY 05	A	56967		56967			7120	7120	7120	7120	7120	7120	7120	7127					\vdash		\vdash	\vdash	╆	+	\vdash				
M40A1/N	142 Chemical Biological Protective Mask	1	FY 06	A	19833		19833											A		4000	4000	4000	4000	3833								
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1 2	Avon Protective Systems, Inc., Cadillac, MI Trident Technologies Corp., Fort Worth, TX		600 1		7100 500	10000 1000	E E		nitial / . nitial / .				0/0			10 / 2 7 / 0				/3		\vdash	15 / 3		1							
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Exhib	oit P-40, Budge	et Item Justif	fication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	DEFENSE-WIDE/3,	/CHEM-BIO DE	EFENSE		P-1 Item Nome	enclature	(MA0400) l	PROTECTIVE	E CLOTHING		
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3589991	122644	93995								3806630
Gross Cost	986.5	37.1	31.3	39.0	36.8	27.5	18.1	18.5	9.6		1204.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	986.5	37.1	31.3	39.0	36.8	27.5	18.1	18.5	9.6		1204.4
Initial Spares											
Total Proc Cost	986.5	37.1	31.3	39.0	36.8	27.5	18.1	18.5	9.6		1204.4
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Service Protective Clothing program is a Joint Service chemical protective ensemble development, testing, and production program. The Protective Clothing program integrates technological improvements in protective military garments. These improvements provide Service members Chemical and Biological (CB) protection in all combat theaters. In addition, the program provides commonality, standardization, and full compatibility of all interfacing equipment. The Protective Clothing program provides production of the following protective clothing ensembles:

- (1) The Joint Service Lightweight Integrated Suit Technology (JSLIST) program currently in production, field a common chemical protective ensemble (suits, boots, socks, and gloves) to US Forces. The program provides state-of-the-art chemical protection, reduced heat stress, full compatibility with all interfacing equipment, longer wear (45 days) and launderability, a single technical data package and technical data manual, a standard tariff, split issue to improve fit and reduce inventory, and flame retardancy. JSLIST promotes commonality and standardization to maximize resources and eliminate redundancy among the Services.
- (2) There are two glove programs. The JSLIST Block I Glove Upgrade (JB1GU) is geared toward satisfying the urgent Special Operations Command (SOCOM) CB protective glove requirement. The JB2GU Flame Resistant (FR) and JB2GU Non-Flame Resistant (NFR) will meet the Services CB glove requirements for a 30 day glove.
- (3) There is also the Alternative Footwear Solutions (AFS) and Integrated Footwear (IFS) programs that will satisfy the need for a CB protective overboot and a sock/liner.

JUSTIFICATION: FY08 will procure 310,096 JB2GU FR, 143,312 JB2GU NFR, 315,096 AFS and 33,660 IFS to meet joint service CBRN equipment requirements.

NOTE: Proc Qty Prior Years and FY06-07 reflects only quantities of JSLIST Overgarment.

Exhibit P-40C, Budget Item Justific	ation Sheet	;		Date: February 2007
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(MA0400) PROTECTIVE CLOTHING
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IP5	В			

RDT&E Code B Item

JSLIST Block II Glove Upgrade: Conduct research, development, and operational assessment of Chemical and Biological (CB) protective glove materials, concentrating on selectively permeable technology solution to satisfy the current 30 day requirement in JSLIST and JPACE ORDs.

AFS: Conduct research, development, and operational assessment of CB protective overboots and materials

IFS (formerly MPS): Conduct research, development, and operational assessment of CB protective sock/liner solutions

RDT&E FY05 and Prior - 38.9M; FY06 - 5.1M; FY07 - 1.3M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
TOTAL CONTRACTOR OF THE CONTRA	20 EV07	20 EV07
JSLIST - Overgarment Milestone C	3Q FY97	3Q FY97
JSLIST - Overgarment Production	2Q FY97	4Q FY07
JSLIST - Block II Glove Conduct Developmental Test (DT)/Operational Test (OT)	1Q FY05	4Q FY06
JSLIST - Block II Glove MS C	1Q FY07	1Q FY07
JSLIST - Developmental Test (DT)/Operational Test (OT) IFS	1Q FY05	4Q FY06
JSLIST - Initial Operational Test and Evaluation (IOT&E) and DT (AFS)	1Q FY05	4Q FY06
JSLIST - Milestone C AFS	2Q FY07	2Q FY07
JSLIST - Performance Enhancement Initiation - Overgarment	2Q FY06	4Q FY06
JSLIST - Performance Enhancement DT - Overgarment	1Q FY07	3Q FY07
JSLIST - Performance Enhancement FUE - Overgarment	4Q FY07	4Q FY07
JSLIST - Performance Enhancement ECP - Overgarment	4Q FY08	4Q FY08

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		•	Item Nomencla		ł	Weapon Syster	п Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
PROTECTIVE CLOTHING													
JSLIST Overgarment	A	30102	122644	0.245	24294	93995	0.258						
JB2GU2 NFR	В							3869	143312	0.027	3847	142497	0.027
JB2GU FR	В							17055	310096	0.055	16607	301946	0.055
Alternative Footwear System (AFS)	A							11974	315096	0.038	11626	305946	0.038
Interim Footwear Solution (IFS)	В							1649	33660	0.049			
JSLIST Contract Support		3392			3373			1943			2060		
Engineering Support (Gov't)		500			500			1091			1480		
Quality Control (Gov't)		2000			2000			1065			823		
System Fielding Support (NET/FDT/TDY)		1141			1110			365			395		
TOTAL		37135			31277			39011			36838		

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	February 200)7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WID	E/3/CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I	tem Nomeno (MA	clature: 0400) PROTE	CTIVE CLOT	HING	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSLIST Overgarment FY 07	NISH, (El Paso, TX/KY/MI/Belfast, ME)	Reqn	Def Supply Ctr, Phila., PA	Nov-06	Jan-07	93995	232	Yes		
JB2GU2 NFR FY 08	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP	MCSC, Quantico, VA	Jan-08	Mar-08	143312	27	Yes		
FY 09	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP Opt/1	MCSC, Quantico, VA	Jan-09	Mar-09	142497	27	Yes		
JB2GU FR										
FY 08	Hawkeye Glove, Fort Dodge, IA	C/FFP	MCSC, Quantico, VA	Jan-08	Jun-08	310096	55	Yes		
FY 09	NISH, (El Paso, TX/KY/MI/Belfast, ME)	C/FFP Opt/2	Def Supply Ctr, Phila., PA	Mar-09	May-09	301946	55	Yes		
Alternative Footwear System (AFS)										
FY 08	AirBoss- ACTON, Acton Vale, Quebec, Canada	C/FFP	MCSC, Quantico, VA	Jan-08	Mar-08	315096	38	Yes		

REMARKS:

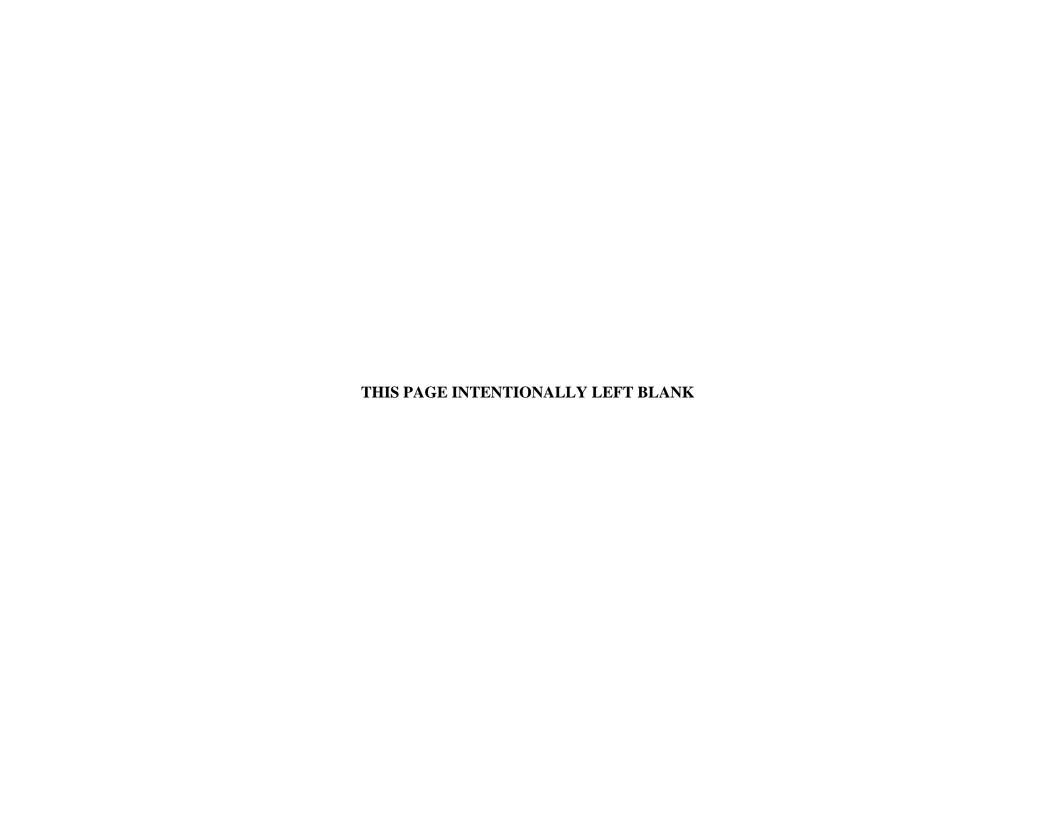
	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	EM-BIO DEFENSE	Weapon System Type	:		P-1 Line It	em Nomenc (MAC	elature: 0400) PROTE	CTIVE CLOT	HING	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Alternative Footwear System (AFS) (cont)										
FY 09	AirBoss- ACTON, Acton Vale, Quebec, Canada	C/FFP Opt/1	MCSC, Quantico, VA	Jan-09	Mar-09	305946	38	Yes		
Interim Footwear Solution (IFS) FY 08	Tennessee Apparel, Tullahoma, TN	C/FFP	MCSC, Quantico, VA	Jan-08	Jun-08	33660	49	Yes		
REMARKS:										

	Exhibit P21, Product	tion S	chedule			P-1 Item	Nomenclati	ure:		(M)	A0400)) PR(OTEC	TIV	E.CL.C	THI	NG							Date:			Fe	bruary	z 200°	7		
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				S	PROC	ACCEP	BAL								Cal	endar	· Yea	r 06								Calei	ıdar `	Year ()7			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
Altomotiv	re Footwear System (AFS)	2	FY 05	MC	160000		160000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000									H		┢				
Alternativ	c rootwear system (Ars)	2	11 03	IVIC	100000		100000				10000	10000			10000	10000									_	+	+					
JSLIST O	vergarment	1	FY 06	AF	34420		34420		Α		10000	10000	10000	4420												\vdash						
	vergarment	1	FY 06	MC	88224		88224		Α		19000	19000	19342	30882												Т						
JSLIST O	vergarment	1	FY 07	MC	93995		93995														A		18000	19000	19000	18956	19039					
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MFR			PR	ODUCT	ON RATES										I	.EAD	ТІМЕ	S					ТОТА	L		REM	ARKS					
													F	Admin	istrativ	е			Produ	ction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	Af	ter 1 O)ct		After	1 Oct		A	fter 1	Oct								
1	NISH, (El Paso, TX/KY/MI/Belfast, ME)		18000	1	25000	175000	Е	Iı	nitial /]	Reorde	er		0/0			3 / 1			3 /	3			6/4									
2	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	2	24000	68000	Е	Iı	nitial /]	Reorde	er		0/0			3/3			3 /	3			6/6		1							
3	Hawkeye Glove, Fort Dodge, IA		13000	- 2	20800	28000	Е	Iı	nitial /]	Reorde	er		0/0			3/2			6/	2			9/4		1							
4	AirBoss- ACTON, Acton Vale, Quebec, Canada		14400		60400	120000	E		nitial /]				0/0			3/3			3 /				6/6		1							
5	Tennessee Apparel, Tullahoma, TN		3000		5000	9000	Е	Iı	nitial /]	Reorde	er		0/0			3/3			6 /	9			9 / 12	2	1							
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JB2GU2		2	FY 08	A	33191		33191				A		2769	2766	2766	2766		2766		_	2766		2766		\vdash	╀	-		H			
JB2GU2		2	FY 08	AF	72192		72192				A .		6016	6016	6016	6016	_	6016	6016	_	6016	6016	6016		\vdash	┢			Н			
JB2GU2		2	FY 08	MC	16325		16325				A			1359	1359	1359	1359		1359	1359	1359		1359		\vdash	┢			H			
JB2GU2		2	FY 08 FY 08	N U	13308 8296		13308 8296				A			1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	-	╫	+		Н			
				_	8296 97900		97900				A		2074	2074	2074	2074										-			\vdash			
JB2GU F		3	FY 08	A							A .					8900		8900			8900		8900		8900	8900			Н			
JB2GU F		3	FY 08	AF	116655		116655				A .					10605	10605		10605	10605	10605	10605	10605	10605	10605	10605	_		Н			
JB2GU F		3	FY 08 FY 08	MC N	48120 39281		48120 39281	\vdash		\vdash	A A					4372 3571		4372 3571		_	4372 3571	4372 3571	4372	4372 3571	_	4400 3571			\vdash			
JB2GU F		3	FY 08 FY 08	U	8140		8140										3571 740		3571 740			-	3571	740	3571 740	3571 740						
	ve Footwear System (AFS)	4	FY 08	A	97904		97904				A		5300	7200	5000	740	_		-	740	740	740	740 8638	_	740	740	+		Н			
	ve Footwear System (AFS)	4	FY 08	AF	116656		116656				A A		7200 7200	7200	7200	7200 7200	8638		8638	8638	8638 10982	8638	10982	10982		╫	+		Н			
	ve Footwear System (AFS)	4	FY 08	MC	48120		48120				A		7200	7200	7200	/200	10982	6010	10982 6010	10982	10,000	10982 6010	6010			╫	\vdash					
	ve Footwear System (AFS)	4	FY 08	N	39272		39272				A						4909	-	4909	6010 4909	4909	4909	4909			╈						
	ve Footwear System (AFS)	4	FY 08	U	13144		13144				A							1643	1643	_	1643		1643			╈	+		Н			
	ootwear Solution (IFS)	5	FY 08	N	33660		33660				A					5000		5000					1043	1043		╈			Н			
Internit i	Solwcar Solution (11-3)	3	11 00	11	33000		33000				А					3000	5000	5000	5000	5000	5000	3000		\vdash		╈			Н			
JB2GU2	NER	2	FY 09	A	33228		33228															\vdash	Α	\vdash	2769	2769	2769	2769	2769	2769	2769	13845
JB2GU2		2	FY 09	AF	72192		72192																A		6016	-			6016	6016	6016	30080
JB2GU2		2	FY 09	MC	16308		16308																A		1359		-	1359	1359	1359	1359	6795
JB2GO2	NI K	2	11 09	MC	10308		10300																Α		1339	1339	1339	1339	1339	1339	1559	0/95
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
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2	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	2	4000	68000	Е	Iı	nitial /	Reorde	er		0/0			3/3			3	/ 3			6/6									
3	Hawkeye Glove, Fort Dodge, IA		13000	2	20800	28000	Е	Iı	nitial /	Reorde	er		0/0			3/2			6	/ 2			9/4		1							
4	AirBoss- ACTON, Acton Vale, Quebec, Canada		14400		60400	120000	Е	Iı	nitial /	Reorde	er		0/0			3/3			3	/ 3			6/6		1							
5	Tennessee Apparel, Tullahoma, TN		3000		5000	9000	Е	Iı	nitial /	Reorde	er		0/0			3/3			6	/ 9			9 / 12	2	4							
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JB2GU2 I	NFR	2	FY 09	N	13308		13308																Α		1109	1109	1109	1109	1109	1109	1109	5545
JB2GU2 I	NFR	2	FY 09	U	7461		7461																Α		1870	1870	1870	1851				
JB2GU F	R	1	FY 09	A	95870		95870																		Α		8900	8900	8900	8900	8900	51370
JB2GU F	R	1	FY 09	AF	114625		114625																		Α		10605	10605	10605	10605	10605	61600
JB2GU F	R	1	FY 09	MC	46062		46062																		Α		4372	4372	4372	4372	4372	24202
JB2GU F	R	1	FY 09	N	37251		37251																		Α		3571	3571	3571	3571	3571	19396
JB2GU F	R	1	FY 09	U	8138		8138																		Α		740	740	740	740	740	4438
Alternativ	re Footwear System (AFS)	4	FY 09	A	97908		97908																Α		8159	8159	8159	8159	8159	8159	8159	40795
Alternativ	re Footwear System (AFS)	4	FY 09	AF	116652		116652																Α		9721	9721	9721	9721	9721	9721	9721	48605
Alternativ	re Footwear System (AFS)	4	FY 09	MC	48784		48784																Α		4007	4007	4077	4077	4077	4077	4077	20385
Alternativ	re Footwear System (AFS)	4	FY 09	N	38602		38602																Α		3273	3273	3273	3273	3273	3273	3273	15691
Alternativ	re Footwear System (AFS)	4	FY 09	U	4000		4000																Α		500	500	500	500	500	500	500	500
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1	NISH, (El Paso, TX/KY/MI/Belfast, ME)		18000	1	25000	175000	Е	Iı	nitial /	Reorde	er		0/0			3 / 1			3	/ 3			6/4		1							
2	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	2	24000	68000	Е	Iı	nitial /	Reorde	er		0/0			3/3				/ 3		Г	6/6		1							
3	Hawkeye Glove, Fort Dodge, IA		13000	2	20800	28000	Е	Iı	nitial /	Reorde	er		0/0			3/2			6	/ 2			9/4		1							
4	AirBoss- ACTON, Acton Vale, Quebec, Canada	ı	14400		50400	120000	Е	Iı	nitial /	Reorde	er		0/0			3/3			3	/ 3			6/6		1							
5	Tennessee Apparel, Tullahoma, TN		3000		5000	9000	Е	Iı	nitial /	Reorde	er		0/0			3/3			6	/9			9 / 12	2								

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	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	С	N	В	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	P	R
JB2GU2 1	NIED	2	FY 09	A	33228	19383	13845	2760	2769	2760	2760	2769													\vdash	╀	\vdash					
JB2GU2 I		2	FY 09	AF	72192	42112	30080		6016	6016	6016	6016										-			+	+		+	Н			
JB2GU2 I		2	FY 09	MC	16308	9513	6795		1359	1359	1359	1359														+		+	Н			
JB2GU2 I		2	FY 09	N	13308	7763	5545		1109		_	1109																	Н			
JB2GU2		1	FY 09	A	95870	44500	51370	_	8900	8900	8900	-	6870													+			Н			
JB2GU F		1	FY 09	AF	114625	53025	61600	10605		10605	10605		8575									\vdash	\vdash		\vdash	╈	+					
JB2GU F		1	FY 09	MC	46062	21860	24202		4372		_	4372																				
JB2GU F		1	FY 09	N	37251	17855	19396	_	3571	3571	3571	3571														+						
JB2GU F		1	FY 09	U	8138	3700	4438	740		740	740	740	738										\vdash			十			Н			
	re Footwear System (AFS)	4	FY 09	A	97908	57113	40795		8159		_	8159																	Н			
	re Footwear System (AFS)	4	FY 09	AF	116652	68047	48605	_	9721	9721	9721	9721																				
	re Footwear System (AFS)	4	FY 09	МС	48784	28399	20385		4077		_	4077																	Г			
	re Footwear System (AFS)	4	FY 09	N	38602	22911	15691		3273		_	2599																				
	re Footwear System (AFS)	4	FY 09	U	4000	3500	500	500																					Г			
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MFR			PR	ODUCT	ION RATES										I	EAD	TIME	ES					TOTA	L		REM	ARKS					
													A	Admini	strativ	e			Prod	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Oct	Af	ter 1 C	Oct		After	1 Oct		Α	After 1	Oct								
1	NISH, (El Paso, TX/KY/MI/Belfast, ME)		18000	1	25000	175000	Е	Iı	nitial /	Reord	er		0/0			3 / 1			3	/ 3			6/4									
2	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	2	24000	68000	Е	Iı	nitial /	Reord	er		0/0			3/3			3	/ 3			6/6	i								
3	Hawkeye Glove, Fort Dodge, IA		13000	2	20800	28000	Е	Iı	nitial /	Reord	er		0/0			3/2			6	/2			9/4									
4	AirBoss- ACTON, Acton Vale, Quebec, Canada		14400	4	50400	120000	Е	Iı	nitial /	Reord	er		0/0			3/3			3	/3			6/6	,								
5	Tennessee Apparel, Tullahoma, TN		3000		5000	9000	Е	Iı	nitial /	Reord	er		0/0			3/3			6	/9			9 / 12	2	4							
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Budget Line Item #78 DECONTAMINATION

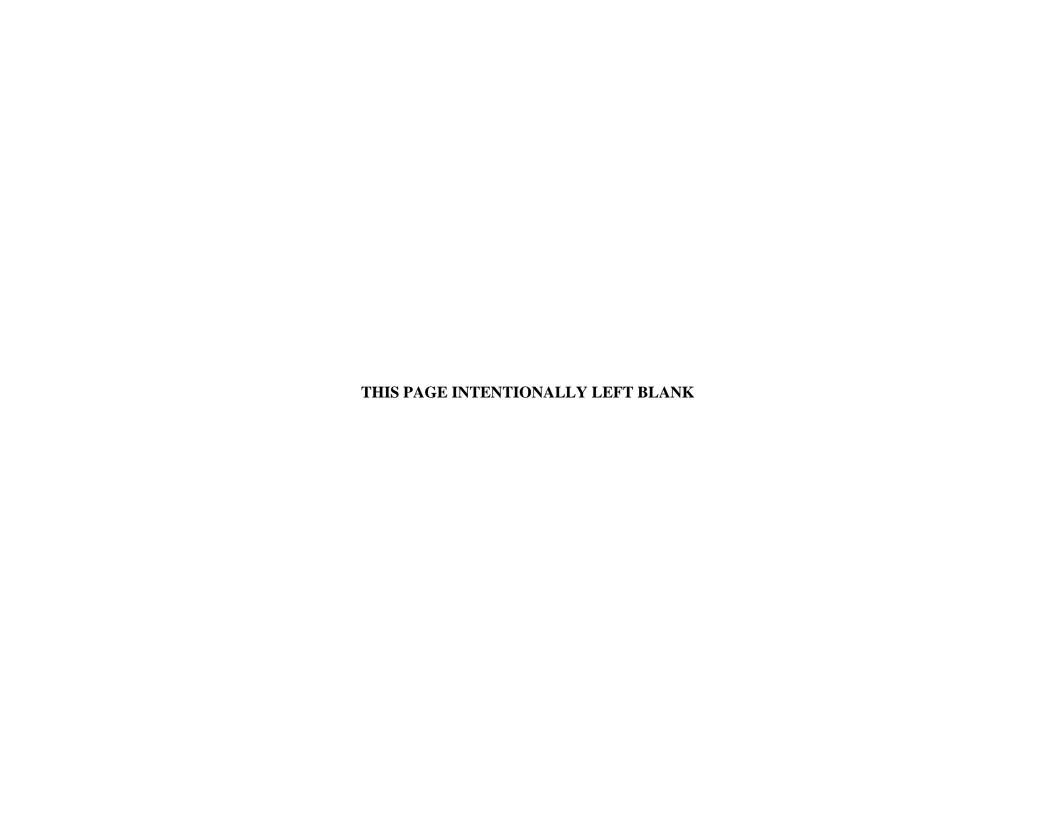


Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007				
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(PA1500)	DECONTAM	IINATION				
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:							
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog		
Proc Qty													
Gross Cost	120.7	120.7 2.9 18.7 28.6 27.9 40.3 50.7 83.5 81.8 Continuing Continuing											
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	120.7	2.9	18.7	28.6	27.9	40.3	50.7	83.5	81.8	Continuing	Continuing		
Initial Spares													
Total Proc Cost	120.7 2.9 18.7 28.6 27.9 40.3 50.7 83.5 81.8 Continuing Continuing										Continuing		
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The decontamination program provides equipment to facilitate the removal and detoxification of contaminants from materials without inflicting injury to personnel or damage to equipment or environment. This Joint Service program facilitates the procurement of a more transportable, less labor intensive, and more effective system for applying decontaminating solutions and removing gross contamination from vehicle and equipment surfaces. Contamination control techniques have been developed which minimize the extent of contamination pickup and transfer and maximize the ability of units to remove contamination both on-the-move and during dedicated decontamination operations. The Joint Service Family of Decontamination Systems (JSFDS) programs will provide this capability. The JSFDS consists of the (1) The Joint Service Personnel/Skin Decontamination System (JSPDS) will be a United States Food and Drug Administration (FDA) approved individually carried skin decontamination kit. JSPDS will provide the same or greater capabilities (number of decontamination operations and area of coverage) as the currently fielded M291 Skin Decontamination Kit (SDK). (2) The Joint Service Transportable Decontamination System Small-Scale (JSTDS-SS) will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

The Joint Service Sensitive Equipment Decontamination (JSSED) is part of the Joint Material Decontamination System, a scalable family of systems based on a single vapor technology that neutralizes chemical and biological threat agents on sensitive materials. The JSSED provides decontamination capability for sensitive equipment that is used by the warfighter in high threat areas, such as night vision goggles and communication equipment.

JUSTIFICATION: Operational forces, facilities, and equipment must be decontaminated to safely operate, survive, and sustain operations in a nuclear, biological and chemical agent threat environment. Key factors are reduced weight, increased transportability, decreased labor intensity, reduced water usage, and a more effective system for applying decontaminating solutions to vehicle and equipment surfaces. Decontamination of facilities frequently requires a large area to be covered, but weight, water usage, and labor intensity factors may not be as important as mobility and the ability to decontaminate large areas rapidly.

Exhibit P-5, Weapon				.ctivity/Serial N SE-WIDE/3/CHE		•	Item Nomencla			Weapon Syste	т Туре:	Date: Febru	ıary 2007
WPN SYST Cost Analysis		DEFENSE											
Weapon System	ID		FY 06			FY 07	•		FY 08	1		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT SERVICE PERSONNEL/SKIN DECONTAMINATION SYSTEM (JSPDS)					11542			13011					
JS TRANS DECON SYSTEM - SMALL SCALE (JSTDS-SS)		2911			7176			15628			22161		
JOINT SERVICE SENSITIVE EQUIPMENT DECON (JSSED)											5720		
TOTAL		2911			18718			28639			27881		

Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007			
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome (JD0055) J		VICE PERSONN	IEL/SKIN DE	CONTAMINA	ATION SYSTE	M (JSPDS)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog	
Proc Qty			174628	245000							419628	
Gross Cost	11.5 13.0 Continuing Continuing											
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			11.5	13.0						Continuing	Continuing	
Initial Spares												
Total Proc Cost			11.5	13.0						Continuing	Continuing	
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Joint Service Personnel/Skin Decontamination System (JSPDS) will be a United States Food and Drug Administration (FDA) approved individually carried skin decontamination kit. It will provide the same or greater capabilities (number of decontamination operations and area of coverage) as the currently fielded M291 Skin Decontaminating Kit (SDK). The JSPDS will be used by the warfighter to perform immediate decontamination of skin, field protective masks, mask hoods, chemical protective gloves, and small scale weapons (under .50 caliber).

The M291 SDK provides immediate decontamination capability for skin, field protective masks, mask hoods, chemical protective gloves, and small scale weapons (under .50 caliber).

JUSTIFICATION: FY08 funding will be used to procure 245,000 combat kits and 125,000 training kits for fielding to high threat areas.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JD0055) JOINT SER	RVICE PERSONNEL/SKIN DECONTAMINATION SYSTEM (JSPDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
Program Elements for Code B Items: 0603884BP/Proj DE4; 0604384BP/Proj DE5	Code:	Other Related	Program Elements:	

The Joint Service Personnel/Skin Decontamination System (JSPDS) will be a United States Food and Drug Administration (FDA) approved individually carried skin decontamination kit. It will provide the same or greater capabilities (number of decontamination operations and area of coverage) as the currently fielded M291 Skin Decontaminating Kit (SDK). The JSPDS will be used by the warfighter to perform immediate decontamination of skin, field protective masks, mask hoods, chemical protective gloves, and small scale weapons (under .50 caliber).

The M291 SDK provides immediate decontamination capability for skin, field protective masks, mask hoods, chemical protective gloves, and small scale weapons (under .50 caliber).

RDT&E FY06 - 3.6M; FY07 - 2.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	SIARI	COMPLETE
DT II Testing	1Q FY04	4Q FY05
Pouch Packaging Retest	3Q FY06	4Q FY06
IOT&E	2Q FY06	3Q FY06
MS C (Full Rate Production)	1Q FY07	2Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis				.ctivity/Serial N SE-WIDE/3/CHE		(JD0055) PERSON	Item Nomencla) JOINT SERVI NNEL/SKIN DE II (JSPDS)		TION	Weapon Syster	n Type:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSPDS Training Kits System Fielding Support	B B B				7683 1400 501 1958	174628 123779 70000	0.044 0.011 0.028	10780 1425 806					
TOTAL					11542			13011					

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date:	ebruary 200	17
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	EM-BIO DEFENSE	Weapon System Type	:		P-1 Line It		JOINT SERV	ICE PERSON ON SYSTEM (
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSPDS Combat Kits FY 07 FY 08	Canadian Commercial Corporation, Montreal, Canada Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 1 C/FFP/Opt 2	USASMDC, Frederick, MD USASMDC, Frederick, MD	Nov-06 Nov-07	Jan-07 Jan-08	174628 245000	44 44	Yes Yes		Feb-02 Aug-02
JSPDS Training Kits FY 07	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 1	USASMDC, Frederick, MD	Nov-06	Jan-07	123779	11	Yes		Feb-02

REMARKS: Basic Contract for JSPDS was awarded with RDT&E funding.

	Exhibit P-5a, Budget Pı	rocurement Hist	tory and Planning					Date: F	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It		JOINT SERV	ICE PERSONI ON SYSTEM (
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSPDS Training Kits (cont)										
FY 08	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 2	USASMDC, Frederick, MD	Nov-07	Jan-08	125000	11	Yes		Aug-02
M291 Kits FY07 Congressional Plus Up FY 07	Truetech Inc, Riverhead, NY	MIPR	TACOM, Rock Island, IL	Mar-07	Jan-08	70000	28	Yes		
REMARKS: Basic Contract for JSPDS was awa	rded with RDT&E funding.									

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	Exhibit P21, Produ	icuon S	chedule			(3)	J0033) JOI	N1 31	EKVI	CE FI	ZKSO			Year (IAW	IIIVA	HON	313	LEM	(JSF	D3)]	Fiscal	Yea		bruar	y 200	,		
				S	PROC	ACCEP	BAL								Cale	endar	· Yea	r 06					L			Cale	ndar	Year ()7			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	T E R
ISPDS C	ombat Kits	1	FY 07	A	117732		117732														A		9811	0911	9811	0811	0811	9811	9811	9811	9811	29433
	ombat Kits	1	FY 07	AF	25174		25174														A	\vdash	2097		_	_	_	_	2098	_	2098	6294
	ombat Kits	1	FY 07	MC	22641		22641														A		1887		1887				1886		1887	5661
	ombat Kits	1	FY 07	N	9081		9081														A		757	_	_	_	_	_	757	757	757	2271
	raining Kits	1	FY 07	A	109224		109224														A		9102		_	_					9102	27306
	raining Kits	1	FY 07	AF	7255		7255														A	Г	604	_	_	_	_	_	605	605	605	1815
	raining Kits	1	FY 07	MC	4949		4949														A		413		_	_		_	412		412	1236
	raining Kits	1	FY 07	N	2351		2351														Α		196	196	_	_		_	196	196	196	588
	s FY07 Congressional Plus Up	2	FY 07	J	70000		70000																		Α	Т						70000
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MFR			PR	ODUCT	ON RATES										L	EAD 7	ТІМЕ	S					TOTA	ΛL		REM	IARKS					
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C)ct	Afi	ter 1 O)ct		After	1 Oct		A	fter 1	Oct								
1	Canadian Commercial Corporation, Montrea	l, Canada	500	2	25000	50000	Е	Iı	nitial / l	Reorde	er		0/0			1/1			3 /	/ 3			4/4									
2	Truetech Inc, Riverhead, NY		38000	3	8000	140000	Е	Iı	nitial / l	Reorde	er		0/0			5/0			11	/ 0			16/0	0	1							
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	Exhibit P21, Prod	uction S	cneaule			(J)	D0055) JOI	N1 SI	ERVI	CE PE	ERSU		L/SK iscal			NIAN	AINA	HON	1515	IEM	I (JSP	DS)		:	Fisca	l Yea		ebrua	ry 20	J /		Т
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	r 08								Cal	endar	Year	09			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N		M A R	P	Α	U			Е	T E
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	ombat Kits	1	FY 07 FY 07	A AF	117732 25174	88299 18880	29433 6294		9811 2098	2098				Н			Н				-	\vdash	┢	+	+	┿	+	+	┿	+	+	+
	ombat Kits	1		MC	22641	16980	5661	1887		1887							Н			\vdash			╫	+	+	┿		+	+	+	+	
	ombat Kits	1	FY 07 FY 07	MC N	9081	6810	2271		757	757													\vdash	+	+	┿		+	┿	+	+	_
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	aining Kits			A	7255	81918 5440		605	9102 605	605							\vdash				\vdash	\vdash	\vdash	+	+	+	+	+	+	+	+	_
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JSPDS Co	ombat Kits	1	FY 08	A	165178		165178		Α		13763	13765	13765	13765	13765	13765	13765	13765	13765	13765	13765	13765				\top			+			
JSPDS Co	ombat Kits	1	FY 08	AF	35316		35316		Α		2943	2943	2943	2943	2943	2943	2943	2943	2943	2943	2943	2943				Т						
JSPDS Co	ombat Kits	1	FY 08	MC	31764		31764		Α		2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647				Т			Т			
JSPDS Co	ombat Kits	1	FY 08	N	12742		12742		Α		1060	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062										
JSPDS Tı	raining Kits	1	FY 08	A	110302		110302		Α		9192	9192	9192	9192	9192	9192	9192	9192	9192	9192	9192	9190										
JSPDS Tı	raining Kits	1	FY 08	AF	7320		7320		A		610	610	610	610	610	610	610	610	610	610	610	610										
JSPDS Tr	raining Kits	1	FY 08	MC	5003		5003		Α		417	417	417	417	417	417	417	417	417	417	417	416										
JSPDS Tr	aining Kits	1	FY 08	N	2375		2375		Α		198	198	198	198	198	198	198	198	198	198	198	197										
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MFR			PR	ODUCT	ION RATES]	LEAD	TIME	S					TOTA	AL		REI	/ARK	S				
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 (Oct	A	fter 1 (Oct			1 Oct		Α	After 1	Oct								
1	Canadian Commercial Corporation, Montrea	ıl, Canada	500	2	25000	50000	Е	Iı	nitial /	Reorde	er		0/0			1/1			3	/ 3			4/4	ļ.								
2	Truetech Inc, Riverhead, NY		38000	3	38000	140000	Е	Iı	nitial /	Reorde	er		0/0			5/0			11	/ 0			16/	0								
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Exhibit	P-40, Budge	t Item Justif	ïcation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome		S TRANS DECO	N SYSTEM -	SMALL SCAI	LE (JSTDS-SS)
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		58	200	338	515	923	929	937	200		4100
Gross Cost		2.9	7.2	15.6	22.2	30.5	34.8	40.3	18.0		171.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)		2.9	7.2	15.6	22.2	30.5	34.8	40.3	18.0		171.5
Initial Spares											
Total Proc Cost		2.9	7.2	15.6	22.2	30.5	34.8	40.3	18.0		171.5
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Service Transportable Decontamination System, Small Scale (JSTDS-SS) will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

The JSTDS-SS will consist of an applicator and accessories that apply JSTDS-SS decontaminant to conduct operational and thorough decontamination of non-sensitive military material, limited facility decontamination at logistics bases, airfields (and critical airfield assets), naval ships, ports, key command and control centers, and other fixed facilities that have been exposed to CBRN warfare agents/contamination and toxic industrial materials (TIMs).

JUSTIFICATION: FY08 funding will be used to procure 338 JSTDS-SS systems and 140,000 gallons of decontaminant to be fielded to high threat areas.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JD0056) J	S TRANS DECON SYSTEM - SMALL SCALE (JSTDS-SS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj DE5	В			

RDT&E Code B Item

The Joint Service Transportable Decontamination System, Small Scale (JSTDS-SS) will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

The JSTDS-SS will consist of an applicator and accessories that apply JSTDS-SS decontaminant to conduct operational and thorough decontamination of non-sensitive military material, limited facility decontamination at logistics bases, airfields (and critical airfield assets), naval ships, ports, key command and control centers, and other fixed facilities that have been exposed to CBRN warfare agents/contamination and toxic industrial materials (TIMs).

RDT&E FY06 - 10.3M; FY07 - 7.6M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

	2	
MS B	2Q FY05	2Q FY05
Down-selection Testing (DT I)	3Q FY05	4Q FY05
Operational Assessment (OA)	2Q FY05	2Q FY05
MS C (LRIP)	3Q FY06	3Q FY06
DT II	1Q FY06	4Q FY06
IOT&E	1Q FY07	1Q FY07
Full Rate Production	2Q FY07	Continuing
Live Agent Testing	1Q FY07	4Q FY07

COMPLETE

START

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		(JD0056	e Item Nomencla 5) JS TRANS DI 5 SCALE (JSTD	ECON SYSTEM	И -	Weapon Syster	n Type:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSTDS-SS Hardware	В	1445	58	24.914	4492	200	22.460	8018	338	23.722	12218	515	23.724
Accessories (various components)					998	258	3.868	1347	338	3.985	2114	515	4.105
Decontaminant	В							3235	140000	0.023	3680	154500	0.024
First Article Testing		1000											
Total Package Fielding		466			1686			3028			4149		
TOTAL		2911			7176			15628			22161		

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFEN	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno JS TRANS	clature: DECON SYS	TEM - SMAL	L SCALE ((JSTDS-SS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu
JSTDS-SS Hardware										
FY 06	Engineered Air Systems Inc, St Louis, MO	C/FFP	USMC Logistics Base, Albany, GA	Aug-06	Jan-07	58	24914	Yes		Aug-04
FY 07	Engineered Air Systems Inc, St Louis, MO	C/FFP/Opt 1	USMC Logistics Base, Albany, GA	Feb-07	Jun-07	200	22460	Yes		Aug-04
FY 08	Engineered Air Systems Inc, St Louis, MO	C/FFP/Opt 2	USMC Logistics Base, Albany, GA	Dec-07	Mar-08	338	23722	Yes		Aug-04
FY 09	Engineered Air Systems Inc, St Louis, MO	C/FFP/Opt 3	USMC Logistics Base, Albany, GA	Dec-08	Mar-09	515	23724	Yes		Aug-04
Decontaminant										
FY 08	Engineered Air Systems Inc, St Louis, MO	C/FFP/Opt 2	USMC Logistics Base, Albany, GA	Nov-07	Jan-08	140000	23	Yes		Aug-04
FY 09	Engineered Air Systems Inc, St Louis, MO	C/FFP/Opt 3	USMC Logistics Base, Albany, GA	Nov-08	Jan-09	154500	24	Yes		Aug-04

REMARKS: Decontaminant is an option on the JSTDS-SS Hardware contract.

	Exhibit P21, Production Schedule					P-1 Item	Nomenclati																	Date:								
	Exhibit P21, Produ	iction S	chedule				(JE	00056) JS T	'RAN	S DE					ALL S	SCAI	LE (JS	TDS-	-SS)								bruary	200′	'		
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ICTDC C	S Hardware	1	FY 06	A	42		42																8	8	8	8	10					
	S Hardware	1	FY 06	AF	5		5											A A					8 1	1	1	1	10					
	S Hardware	1	FY 06	MC	7		7											A					1	1	1	2	2					
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JSTDS-SS	S Hardware	1	FY 07	A	144		144																	A				15	15	15	15	84
JSTDS-SS	S Hardware	1	FY 07	AF	17		17																	Α				1	2	1	2	11
JSTDS-SS	S Hardware	1	FY 07	MC	24		24																	Α				2	3	2	2	15
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JSTDS-S	S Hardware	1	FY 09	MC	63		63															Α			5		5	5	5	5	6	5	27
JSTDS-S	S Hardware	1	FY 09	N	39		39															Α			3		4	3	4	3	3	3	16
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Exhibit	P-40, Budge	et Item Justific	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEF	ENSE		P-1 Item Nome		INT SERVICE S	SENSITIVE E	QUIPMENT D	DECON (JSSEI))
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					52	81	78	164	280		655
Gross Cost					5.7	8.8	8.5	19.9	23.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)					5.7	8.8	8.5	19.9	23.0	Continuing	Continuing
Initial Spares											
Total Proc Cost					5.7	8.8	8.5	19.9	23.0	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The JSSED provides decontamination capability for sensitive equipment that is used by the warfighter in high threat areas, such as night vision goggles and communication equipment. The JSSED is part of the Joint Material Decontamination System, a scalable family of systems based on a single vapor technology that neutralizes chemical and biological threat agents on sensitive materials.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JD0061) JO	DINT SERVICE SENSITIVE EQUIPMENT DECON (JSSED)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj DE4; 0604384BP/Proj DE5	В			

RDT&E Code B Item

The JSSED provides decontamination capability for sensitive equipment that is used by the warfighter in high threat areas, such as night vision goggles and communication equipment. The JSSED is part of the Joint Material Decontamination System, a scalable family of systems based on a single vapor technology that neutralizes chemical and biological threat agents on sensitive materials.

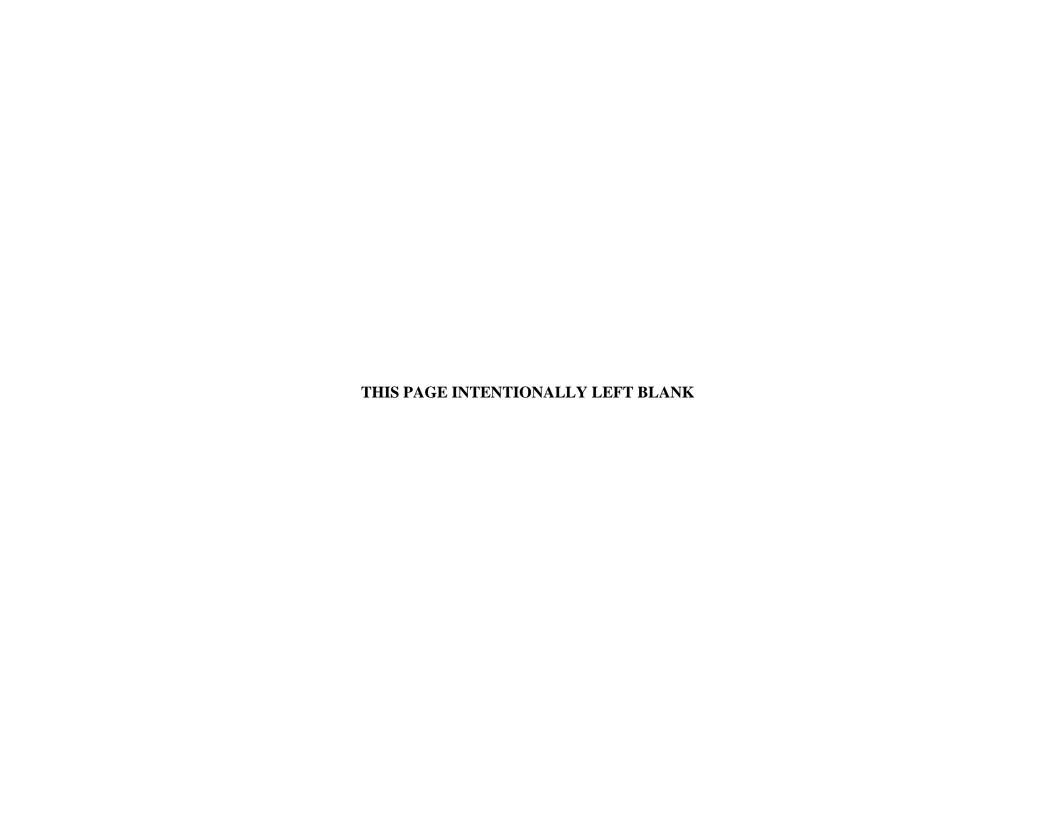
RDT&E FY05 and Prior - 31.5M; FY06 - 1.5M; FY07 - 1.2M; FY08 - 4.7M; FY09 - 4.5M; FY10 - 2.9M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
JMDS-SED SDD contract award	4Q FY07	4Q FY07
JMDS-SED design and development	1Q FY08	2Q FY08
JMDS-SED prototype fabrication and delivery	2Q FY08	4Q FY08
JMDS-SED DT	1Q FY09	4Q FY09
JMDS-SED MS C for LRIP	3Q FY09	3Q FY10
JMDS-SED OT	3Q FY10	1Q FY11
JMDS-SED FRP Decision	1Q FY11	1Q FY11
JMDS-SED production	2Q FY11	2Q FY13

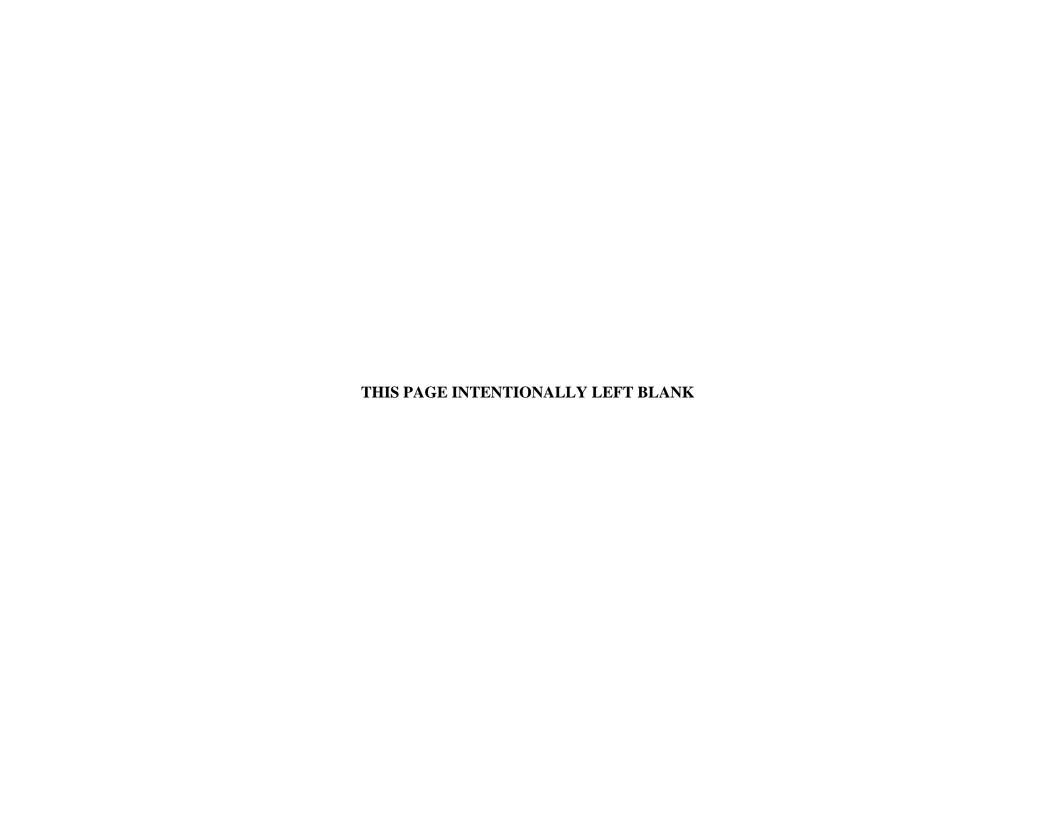
Exhibit P-5, Weapon WPN SYST Cost Analysis			_	.ctivity/Serial N SE-WIDE/3/CHE		(JD0061	Item Nomencla) JOINT SERVI MENT DECON	ICE SENSITIV	Æ	Weapon Syster	n Type:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSSED LRIP	В										4140	52	79.615
Engineering Support (Government)											850		
Quality Assurance											450		
Total Fielding Spt (NETT)											280		
TOTAL											5720		

						P-1 Item	Nomenclati]	Date:								
	Exhibit P21, Produc	ction S	chedule				(JD(0061).	JOIN'	T SEF	RVICI					PMEN	VT DI	ECON	(JSS	ED)				_				oruary	2007	'		
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Budget Line Item #79 JOINT BIO DEFENSE PROGRAM (MEDICAL)



Exhib	it P-40, Budge	t Item Justif	ication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DI	EFENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome		0800) JOINT BIC	DEFENSE P	ROGRAM (M	EDICAL)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	907.8	60.5	46.9	56.0	47.6	54.8	54.6	60.5	61.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	907.8	60.5	46.9	56.0	47.6	54.8	54.6	60.5	61.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	907.8	60.5	46.9	56.0	47.6	54.8	54.6	60.5	61.0	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Biological Defense Program (Medical) effort consists of the following: (1) the Critical Reagents Program (CRP); (2) the Joint Biological Agent Identification and Diagnostic System (JBAIDS); and (3) the DoD Biological Vaccines Procurement. CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies/DNA biological detection requirements. JBAIDS is a medical test equipment platform which: identifies Biological Warfare (BW) agents and pathogens (Increment 1); may be used as a diagnostic tool by medical professionals to treat patients; comprised of platform test equipment hardware (including computer and case); assay test kits specific to BW agents; and protocols for sample preparation and system operation. The vaccine acquisition components of the Joint Biological Defense Program are focused on a prime (systems) contract approach in which the prime contractor will manage biological defense medical products.

JUSTIFICATION: Continues support of the current national military strategy, specifically, a worldwide force projection capability that requires BW detection in order to protect the Force against potential threats. Operational forces, contingency, special operations/low intensity conflict, counter narcotics and other high-risk missions, have the immediate need to survive and sustain operations in a biological agent threat environment. Operating forces have a critical need for defense from worldwide proliferation of BW capabilities and medical treatment of BW related casualties. The Joint Biological Defense Program will provide a tiered strategy for detection and warning comprised of complementary detection/identification systems to provide theater protection against a large area and point attacks. The other biological defense mission requirement is to provide US Forces with enhanced survivability and force protection thru the introduction of Food and Drug Administration (FDA) approved vaccines to protect against current and emerging threats, which could be deployed against maneuver units, or stationary facilities in the theater of operations.

Exhibit P-5, Weapon WPN SYST Cost Analysis				.ctivity/Serial N SE-WIDE/3/CHE			Item Nomencla 0) JOINT BIO		OGRAM	Weapon Syste	т Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT BIO AGENT IDENTIFICATION AND DIAGNOSTIC SYS (JBAIDS)		12504			5710			4934			483		
DOD BIOLOGICAL VACCINE PROCUREMENT		45809			38917			48627			47134		
CRITICAL REAGENTS PROGRAM (CRP)		2192			2297			2430					
TOTAL		60505			46924			55991			47617		

Exhibi	t P-40, Budge	t Item Justif	ication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DE	FENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome (JM000		IO AGENT IDE	NTIFICATION	N AND DIAG	NOSTIC SYS ((JBAIDS)
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	196	87									283
Gross Cost	28.2	12.5	5.7	4.9	0.5						51.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	28.2	12.5	5.7	4.9	0.5						51.9
Initial Spares											
Total Proc Cost	28.2	12.5	5.7	4.9	0.5						51.9
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Biological Agent Identification and Diagnostic System (JBAIDS) program is the first effort by the Department of Defense (DoD) to develop and field a common medical test equipment platform among all the Military Services. JBAIDS (Increment 1) will identify both Biological Warfare (BW) agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients. A multi-increment configuration, evolutionary development and fielding approach is proposed. JBAIDS Increment 1 is comprised of platform test equipment hardware (includes computer and case), assay test kits specific to BW agents, and protocols for sample preparation and system operation. A modified commercial off-the-shelf (COTS) system is being procured to meet this requirement. The COTS system will be configured to support forward medical operations for force health protection.

JUSTIFICATION: In FY08, the JBAIDS program supports quality assurance efforts, Food and Drug Administration (FDA) current Good Manufacturing Practices (cGMP) engineering integration, and FDA clearance for diagnostics.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JM0001) JOINT E	BIO AGENT IDENTIFICATION AND DIAGNOSTIC SYS (JBAIDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj MB4; 0604384BP/Proj MB5	В			

RDT&E Code B Item

The Joint Biological Agent Identification and Diagnostic System (JBAIDS) program is the first effort by the Department of Defense (DoD) to develop and field a common medical test equipment platform among all the Military Services. JBAIDS (Increment 1) will identify both Biological Warfare (BW) agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients. A multi-increment configuration, evolutionary development and fielding approach is proposed. JBAIDS Increment 1 is comprised of platform test equipment hardware (includes computer and case), assay test kits specific to BW agents, and protocols for sample preparation and system operation. A modified commercial off-the-shelf (COTS) system is being procured to meet this requirement. The COTS system will be configured to support forward medical operations for force health protection.

RDT&E FY05 and Prior - 32.7M; FY06 - 7.0M; FY07 - 4.3M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START

JBAIDS Inc 1 - DT, Limited User Testing & Follow-On Test and Evaluation of Qiagen Flow Kit and process controls

2Q FY06 4Q FY07

JBAIDS Inc 1 - Production Decision (Shipboard)

4Q FY07

COMPLETE

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N SE-WIDE/3/CHEI		(JM0001	Item Nomencla) JOINT BIO A FICATION AN S)	AGENT	IC SYS	Weapon System	т Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JBAIDS Increment I													
Hardware/Software (FRP)	A	4056	87	46.621									
Assay (Reagent Kits) (FRP)	Α	1531	139200	0.011									
DNA/RNA Extraction Kits (FRP)	A	418	69600	0.006									
Laboratory Support Equipment		2810											
Initial Fielding and Training (includes consumables, assays and extraction kits)(Contractor)					1443								
Initial Fielding and Training (includes travel for 172 trainees)(Government)		70			115								
Initial Fielding and Training (JBAIDS Training Facility)(includes instructors and consumables)		634			650								
Technical Data Packages (TDPs), Drawings, Technical Manuals		50											
FDA Submittal Activities Includes Quality Assurance, FDA Current Good Manufacturing Practices (cGMP), Clearance for Diagnostics 510(k) submittals (Contractor) Includes Current Good Manufacturing Practices (cGMP), Clearance for Diagnostics 510(k) submittals, pre-clinical/clinical trials, and site		1967 300			2331 327			3950 350			300		
support activities (Government) Engineering, Integration, Assay Validation, and Program Management Support		268			658			634			183		

Exhibit P-5, Weapon WPN SYST Cost Analysis				activity/Serial N SE-WIDE/3/CHE		(JM0001	Eltem Nomencle DIOINT BIO A FICATION AN SI	AGENT	IC SYS	Weapon System	т Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
533 233333		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Assay Patent/Licensing Royalty/Performance Incentive Fees		400			186								
TOTAL		12504			5710			4934			483		

Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-W	Exhibit P-5a, Budget P	Weapon System Type	•		P-1 Line It (JM0001)	tem Nomeno JOINT BIO	AGENT IDE	NTIFICATIO	February 200 N AND DIA	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	BAIDS) Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Hardware/Software (FRP) FY 06	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Opt 3	US Army Missile and Space Command, Frederick, MD	May-06	Dec-06	87	46621	Yes		
Assay (Reagent Kits) (FRP) FY 06	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Opt 3	US Army Missile and Space Command, Frederick, MD	May-06	Mar-07	139200	11	Yes		
DNA/RNA Extraction Kits (FRP) FY 06	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Opt 3	US Army Missile and Space Command, Frederick, MD	May-06	Mar-07	69600	6.01	Yes		
REMARKS:										

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Exhib	it P-40, Budge	et Item Justif	ication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nom)5) DOD BIOL(OGICAL VAC	CINE PROCU	JREMENT	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	443.3	45.8	38.9	48.6	47.1	54.8	54.6	60.5	61.0		854.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	443.3	45.8	38.9	48.6	47.1	54.8	54.6	60.5	61.0		854.8
Initial Spares											
Total Proc Cost	443.3	45.8	38.9	48.6	47.1	54.8	54.6	60.5	61.0		854.8
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The biological vaccine procurement program is critical for national defense. These products directly support the Secretary of Defense program for the immunization of U.S. forces against biological warfare (BW) agents. Items to be procured are the FDA licensed Anthrax Vaccine Adsorbed (AVA), smallpox vaccine and Vaccinia Immune Globulin Intravenous (VIGIV). Funding supports vaccine and licensed biologic production, quality assurance and control, process, equipment validation, process change management, documentation control and all FDA license maintenance and post-approval commitments.

The Joint Chemical Biological Defense program uses the prime systems contract (PSC) approach for the Joint Vaccine Acquisition Program (JVAP) in which the prime contractor manages biological medical defense products to include: full-scale licensed vaccine production, stockpiling, testing and distribution. Products to be procured and stockpiled in the future under the JVAP PSC include Recombinant Botulinum and Plague.

JUSTIFICATION: FY08 funding procures FDA licensed doses of AVA, smallpox vaccine and VIGIV to support the Secretary of Defense's immunization program. Funding also supports quality assurance efforts for the Investigational New Drug (IND) vaccines to ensure their availability for contingency use.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JX00	005) DOD BIOLOGICAL VACCINE PROCUREMENT
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj MB4; 0604384BP/Proj MB5	В			

RDT&E Code B Item

The biological vaccine procurement program is critical for national defense. These products directly support the Secretary of Defense program for the immunization of U.S. forces against biological warfare (BW) agents. Items to be procured are the FDA licensed Anthrax Vaccine Adsorbed (AVA), smallpox vaccine and Vaccinia Immune Globulin Intravenous (VIGIV). Funding supports vaccine and licensed biologic production, quality assurance and control, process, equipment validation, process change management, documentation control and all FDA license maintenance and post-approval commitments.

The Joint Chemical Biological Defense program uses the prime systems contract (PSC) approach for the Joint Vaccine Acquisition Program (JVAP) in which the prime contractor manages biological medical defense products to include: full-scale licensed vaccine production, stockpiling, testing and distribution. Products to be procured and stockpiled in the future under the JVAP PSC include Recombinant Botulinum and Plague.

RDT&E FY05 and Prior - 295.6M; FY06 - 49.3M; FY07 - 61.8M; FY08 - 58.8M; FY09 - 57.8M; FY10 - 53.0M; FY11 - 38.5M; FY12 - 17.3M; FY13 - 12.7M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Milestone B	3Q FY08	3Q FY08
Manufacturing Scale Up/Process Validation (UK Candidate)	2Q FY06	4Q FY07
Milestone B (US Candidate)	30 FY06	30 FY06

Exhibit P-5, Weapon WPN SYST Cost Analysis				ctivity/Serial N SE-WIDE/3/CHE		(JX0005	ttem Nomencla) DOD BIOLOG REMENT		NE	Weapon Syster	п Туре:	Date: Febru	aary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Anthrax Vaccine Production (Doses)	A	37541	1514972	0.025	29614	1172832	0.025	37398	1422518	0.026	35896	1325554	0.027
Anthrax Vaccine - Achieve/Maintain FDA Product License.		500			500								
Anthrax Vaccine - Testing, Labeling, Shipping and Security		2870			3833			3000			3000		
Smallpox Vaccine	A							4469	1251821	0.004	4399	1195380	0.004
Other Bio Defense Medical Product Storage and Testing		958			970			3760			3839		
Vaccinia Immune Globulin (VIG)	В	3940	394	10	4000	400	10						
TOTAL		45809			38917			48627			47134		

	Exhibit P-5a, Budge	t Procurement His	tory and Planning					Date:	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDI	E/3/CHEM-BIO DEFENSE	Weapon System Type	:			tem Nomeno 0005) DOD	clature: BIOLOGICA	L VACCINE I	PROCURE	MENT
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Anthrax Vaccine Production (Doses)										
FY 07	BioPort, Lansing, MI	SS/FFP - New Contract	USASMDC, Fort Detrick, MD	Sep-07	Mar-08	1172832	25	Yes		
FY 08	BioPort, Lansing, MI	SS/FFP - Option 1	USASMDC, Fort Detrick, MD	Oct-07	Mar-08	1422518	26	Yes		
FY 09	BioPort, Lansing, MI	SS/FFP - Option 2	USASMDC, Fort Detrick, MD	Oct-08	Mar-09	1325554	27	Yes		
Smallpox Vaccine										
FY 08	Unknown	Unknown	Unknown	Jun-08	Jul-08	1251821	3.57	Yes		
FY 09	Unknown	Unknown	Unknown	Jun-09	Jul-09	1195380	3.68	Yes		
Vaccinia Immune Globulin (VIG)										
FY 06	Cangene Corporation, Winnipeg, Canada	SS/FFP	USASMDC, Fort Detrick, MD	Mar-07	Dec-07	394	10000	Yes		
FY 07	Cangene Corporation, Winnipeg, Canada	SS/FFP	USASMDC, Fort Detrick, MD	Jun-07	Jun-08	400	10000	Yes		

REMARKS: VIG Unit Cost = Cost per VIG treatment.

	E 122 D41 D 1	4° G				P-1 Item	Nomenclat		0005)	DOD	, DIO	1.00	IGAI	N/A	CONT	E DD/	ogra	DEM	N ITT					Date:			Б		2005	,		
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	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C		F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C		F E B	М	A P	M A Y	J U N	J U L	A U G	S E P	A T E R
Anthroy V	Vaccine Production (Doses)	1	FY 05	j	3066	1792	1274	256	255	255	254	254														⊢		\vdash				
Allullax	vaccine Froduction (Doses)	1	F1 05	J	3000	1792	12/4	230	233	233	2.54	2,54												\vdash	\vdash	Н		\vdash				
Anthrax V	Vaccine Production (Doses)	1	FY 06	J	1515		1515	A					138	138	138	138	138	138	138	138	137	137	137									
Vaccinia	Immune Globulin (VIG)	2	FY 06	J	394		394																		Α							394
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	Vaccine Production (Doses) Immune Globulin (VIG)	1 2	FY 07 FY 07	J J	1173 400		1173 400																	\vdash		┢					A	1173
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MFR			PR	ODUCT	ION RATES								,	Admini		LEAD	TIME		Produ			'	TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C			fter 1 C	Oct			1 Oct		A	fter 1	Oct								
1	BioPort, Lansing, MI		100		356	534	K	Iı	nitial / F	Reorde	er		0/0			7/2				/7			9/9		1							
2	Cangene Corporation, Winnipeg, Canada		700		700	700	Е	Iı	nitial / F	Reorde	er		0/0			10 / 11				/ 10			27 / 2									
3	Unknown		100		1000	1000	K	Iı	nitial / F	Reorde	er		0/0			8/0			2	/ 2			10 / 2	2	4							
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	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	О	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	J U N	J U L	A U G	S E P	T E R
Vaccinia	Immune Globulin (VIG)	2	FY 06	J	394		394			394																L						
	Vaccine Production (Doses)	1	FY 07	J	1173		1173						147	147	147	147	147	146	146	146												
Vaccinia	Immune Globulin (VIG)	2	FY 07	J	400		400			\dashv		_	\dashv			400							H	\vdash		┢	+		H			
Anthrax `	Vaccine Production (Doses)	1	FY 08	J	1423		1423	Α					178	178	178	178	178	178	178	177						Ė						
Smallpox	Vaccine	3	FY 08	J	1252		1252			\dashv		_	\dashv			A	1252							\vdash		+	+	\vdash	\vdash			
Anthrax `	Vaccine Production (Doses)	1	FY 09	J	1326		1326													Α					166	166	166	166	166	166	165	165
Smallpox	Vaccine	3	FY 09	J	1195		1195			_		_											H	\vdash		\vdash	-	A	1195			
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pric	or 1 O		strativ Af	e ter 1 C	Oct		Produ After	1 Oct		A	fter 1	Oct								
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2	Cangene Corporation, Winnipeg, Canada Unknown		700 100		700 1000	700 1000	E K		nitial / R nitial / R				0/0			10 / 11 8 / 0			17	/ 10 / 2			27 / 2									
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				c	DDOC	ACCED	DAT						scar i	r car		endar	Yea	r 10										Year 1	1			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A	J U	J	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A	J U	J U L	A U G	S E P	A T E R
Anthrax V	Vaccine Production (Doses)	1	FY 09	J	1326	1161	165	165																	+	\vdash						
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MFR			PR	ODUCT	ON RATES										L	EAD 7	ГІМЕ	S					TOTA	L		REM	ARKS					
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM			_			or 1 O	Oct .		ter 1 O	ct			1 Oct		A	fter 1		4							
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Exhibit	P-40, Budge	et Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		X0210) CRITIC <i>A</i>	L REAGENT	S PROGRAM	(CRP)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	19.0	2.2	2.3	2.4						Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	19.0	2.2	2.3	2.4						Continuing	Continuing
Initial Spares											
Total Proc Cost	19.0	2.2	2.3	2.4						Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: In order to detect anthrax spores (antigen), a critical reagent (antibody) may be needed for use in a detection Joint Biological Agent and Identification System (JBAIDS) platform. Multiple medical and non-medical platforms require a continuous, quality supply of critical reagents for effective warning to significantly enhance force survivability. They are also required for rapid medical diagnosis to ensure appropriate treatment of exposed personnel. A common set of reagents for all platforms are required. The Critical Reagents Program (CRP) will ensure the standardization, quality and availability of reagents that are critical to the successful development, test, and operation of BW detection systems and medical biological products. The CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies detection requirements from System Development and Demonstration (SDD) thru production. The CRP will ensure the availability of high quality reagents and Handheld Immunochromatographic Assays (HHA) throughout the life cycle of all systems managed to include: Biological Integrated Detection System (BIDS), Interim Biological Agent Detection System (IBADS), Joint Biological Point Detection System (JBPDS), JBAIDS, and the Airbase/Port Biological Detection (Joint Portal Shield). The CRP also supports the Navy Forward Deployed Lab, the Area Medical Lab (AML), the Army Technical Escort Unit (TEU), the Marine Corps Chemical-Biological Incident Response Force (CBIRF), other counter-terrorist and special reconnaissance teams, and foreign countries. The CRP is responsible for managing the production, storage and validation of HHAs, polymerase chain reaction (PCR) genomic assays, electrochemiluminescence (ECL) immunoassays, antibodies, and select biological threat agent and genomic reference materials.

JUSTIFICATION: In FY08, CRP procures 70 grams of antibody and five grams of select biological threat agents in order to support JBPDS efforts and sustainment requirements for fielded biological detection systems.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No:	NCE		P-1 Item Nomenclature	JX0210) CRITICAL REAGENTS PROGRAM (CRP)
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE-WIDE/3/CHE		Other Peleted	Program Elements:	AO210) CRITICAL REAGENTS I ROOM WI (CRI)
		Onici Kelateu	i rogram Elements.	
0604384BP/Proj BJ5 and Proj MB5	В			

RDT&E Code B Item

DEVIELODMENT/PECT CTATUC AND MAJOD MILECTONES

Multiple medical and non-medical platforms require a continuous, quality supply of critical reagents for effective warning to significantly enhance force survivability. They are also required for rapid medical diagnosis to ensure appropriate treatment of exposed personnel. A common set of reagents for all platforms are required. The Critical Reagents Program (CRP) will ensure the standardization, quality and availability of reagents that are critical to the successful development, test, and operation of BW detection systems and medical biological products. The CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies detection requirements from System Development and Demonstration (SDD) through production. The CRP will ensure the availability of high quality reagents and Handheld Immunochromatographic Assays (HHA) throughout the life cycle of all systems managed to include: Joint Biological Point Detection System (JBPDS) and Joint Biological Agent and Identification System (JBAIDS). The CRP also supports the Navy Forward Deployed Lab, the Area Medical Lab (AML), the Army Technical Escort Unit (TEU), the Marine Corps Chemical-Biological Incident Response Force (CBIRF), other counter-terrorist and special reconnaissance teams, and foreign countries. The CRP is responsible for managing the production, storage and validation of HHAs, polymerase chain reaction (PCR) genomic assays, electrochemiluminescence (ECL) immunoassays, antibodies, and select biological threat agent and genomic reference materials.

RDT&E FY05 and Prior - 20.2M; FY06 - 10.5M; FY07 - 3.2M; FY08 - 10.2M; FY09 - 7.6M; FY10 - 4.6M; FY11 - 4.9M; FY12 - 5.5M; FY13 - 6.5M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
CRP - Expand Select Biological Threat Agent Reference Materials	4Q FY03	2Q FY13
CRP - Development of ECL Immunoassays & PCR Genomic Assays	1Q FY03	2Q FY13
CRP - Development and Implementation of ISO Guidelines, Validation Program, and Systems Engineering/Lean Six Sigma	4Q FY06	2Q FY13
CRP - ISO 17025 Guidelines into Select Biological Threat Agent Reference Materials	2Q FY07	3Q FY09

COMPLETE

CTADT

Exhibit P-5, Weapon WPN SYST Cost Analysis				ctivity/Serial N SE-WIDE/3/CHE			e Item Nomencla) CRITICAL RI		OGRAM	Weapon Syster	т Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Antibodies (Grams)	A	890	70	12.714	890	70	12.714	890	70	12.714			
Select Biological Threat Agent Reference Materials (Grams)	A	147	5	29.400	150	5	30	175	5	35			
Biological Genomic Reference Materials (Agents)	В	80	7	11.429	80	7	11.429	80	7	11.429			
Repository Costs		317			340			365					
Quality Assurance/Quality Control Support		530			566			630					
Technical Program Support		228			271			290					
DoD Sampling Kits	A												
TOTAL		2192			2297			2430					

	Exhibit P-5a, Budget I	Procurement Hi	story and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	EM-BIO DEFENSE	Weapon System Тур	oe:			tem Nomeno (JX0210) CR		GENTS PRO	GRAM (CR	RP)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Antibodies (Grams)										
FY 07	OEM Concepts, Cherry Hill, NJ	C/FFP	USASMDC, Frederick, MD	Dec-06	Apr-07	70	12714	Yes		
FY 08	OEM Concepts, Cherry Hill, NJ	C/FFP	USASMDC, Frederick, MD	Dec-07	Apr-08	70	12714	Yes		
Select Biological Threat Agent Reference Materials (Grams)	s									
FY 07	Dugway Proving Ground (DPG), Dugway, UT	MIPR	DPG, Dugway, UT	Dec-06	Apr-07	5	28400	Yes		
FY 08	Dugway Proving Ground (DPG), Dugway, UT	MIPR	DPG, Dugway, UT	Dec-07	Apr-08	5	35000	Yes		
Biological Genomic Reference Materials (Agents) FY 07	Armed Forces Institute of Pathology (AFIP), Washington, DC	MIPR	AFIP, Washington, DC	Dec-06	Feb-07	7	11429	Yes		

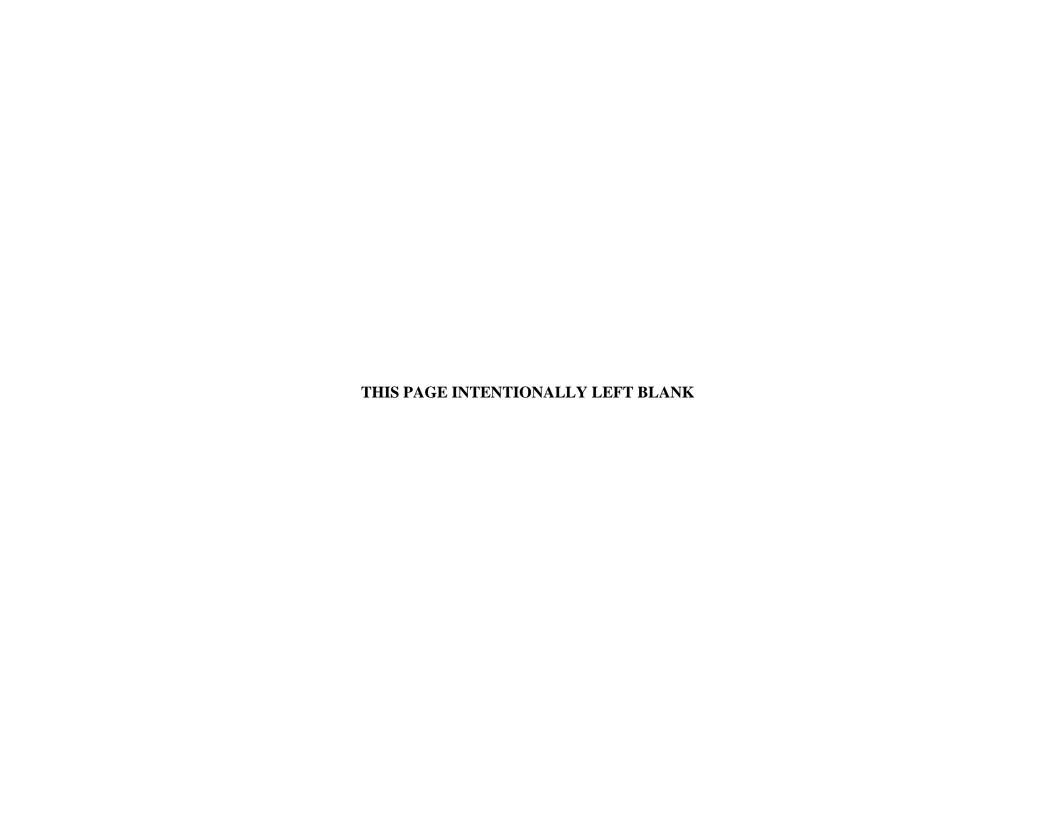
REMARKS:

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date: F	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It	em Nomenc JX0210) CR	lature: ITICAL REA	GENTS PROC	GRAM (CR	P)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Biological Genomic Reference Materials (Agents) (cont)										
FY 08	Armed Forces Institute of Pathology (AFIP), Washington, DC	MIPR	AFIP, Washington, DC	Dec-07	Feb-08	7	11429	Yes		
REMARKS:										

	Exhibit P21, Product	ion C	ماده ماددا ه			P-1 Item	Nomenclati		(JX02)10) C	ידומי	CAI	DEA	CENT	re dd	OCD	AM	(CDD	`					Date:			E.	bruar	. 200	7		
	Exhibit P21, Product	10H S	cneaute						(JA02	210) C	KIII		iscal Y			OUK	AIVI	(CKP)					1	Fiscal	Year		oruar	y 200	/		
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	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	J U N	J U L	A U G	S E P	A T E R
Antibodia	es (Grams)	3	FY 06	J	70		70							16	16	16	16	_					┢				-					
	ological Threat Agent Reference Materials (1	FY 06	J	5		5			A A				16 1	16 1	16 1	16	6 1				\vdash	\vdash	+		╆	+	\vdash			Н	
	al Genomic Reference Materials (Agents)	2	FY 06	J	7		7			A		1	1	1	1	1	1	1								F						
Antibodie	es (Grams)	3	FY 07	J	70		70															A				16	16	16	16	6		
Select Bio	ological Threat Agent Reference Materials (1	FY 07	J	5		5															Α				1	1	1	1	1		
Biologica	ll Genomic Reference Materials (Agents)	2	FY 07	J	7		7															Α		1	1	1	1	1	1	1		
																							\vdash			┢		\vdash				
																							\vdash			\vdash		\vdash				
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	EAD	TIME	ES					TOTA	ΛL		REM	IARKS					
														Admini						uction		1										
Number 1	NAME/LOCATION Dugway Proving Ground (DPG), Dugway, UT		MIN. 1		1-8-5	MAX.	UOM E	ī	nitial / l	Reord	er		ior 1 C	Oct		fter 1 C	Oct			1 Oct / 5		A	1 8 / 7		+							
2	Armed Forces Institute of Pathology (AFIP), Was	shington.			1	2	E	_	nitial / 1				0/0			3/2				/3		\vdash	6/5		1							
3	OEM Concepts, Cherry Hill, NJ	<i>G</i> ,	4		16	35	E		nitial / l				0/0			8/2				/ 5			13 /		1							
																									1							
								_																	-							
																									1							

	Enkikit D21 Duodu et	en C	ماده ماده			P-1 Item	Nomenclati		(JX02	210) (ידומי	CAL	DEA	CENT	re dr	OCD	AM	(CDD	`					Date:	:		Ea	bruary	2003	7		
	Exhibit P21, Product	ion S	cneauie						(JX02	210) C	KIII			GEN Year		COGR	AM	(CRP)]	Fiscal	Year		bruary	200	/		
				S	PROC	ACCEP	BAL								Cal	enda	r Yea	ar 08								Cale	ıdar `	Year (9			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	A T E R
Autibodio	es (Grams)	3	FY 08	J	70		70							16	1.5	1.5	16	-				⊢	┢	⊢	╀	╀		\vdash				
	ological Threat Agent Reference Materials (1	FY 08	J	5		5			A A				16 1	16 1	16 1	16 1	6				\vdash	-		+	┢						
	l Genomic Reference Materials (Agents)	2	FY 08	J	7		7			A		1	1	1	1	1	1	1								F						
																										F						
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								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES									A. Justin		LEAD	TIME	ES	D I	45			TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Admin Oct		re fter 1 (Oct			1 Oct		А	After 1	Oct								
1	Dugway Proving Ground (DPG), Dugway, UT		1		2	4	Е	Iı	nitial /	Reorde	er		0/0			3/2				/ 5			8/7		1							
2	Armed Forces Institute of Pathology (AFIP), Was	hington,	DC 1		1	2	Е	Iı	nitial /	Reorde	er		0/0			3/2			3	/ 3			6/5									
3	OEM Concepts, Cherry Hill, NJ		4		16	35	Е	Iı	nitial /	Reorde	er		0/0			8/2			5	/ 5			13 / 7	7								
																		-														
																									-							
																									1							

Budget Line Item #80 COLLECTIVE PROTECTION



Exhib	it P-40, Budge	t Item Justif	ication She	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DI	EFENSE-WIDE/3,	CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(PA1600) CO	OLLECTIVE I	PROTECTION	1	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	331.9	31.4	43.3	38.9	40.5	42.1	44.3	46.9	46.9	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	331.9	31.4	43.3	38.9	40.5	42.1	44.3	46.9	46.9	Continuing	Continuing
Initial Spares											
Total Proc Cost	331.9	31.4	43.3	38.9	40.5	42.1	44.3	46.9	46.9	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The objective of the Chemical and Biological (CB) Collective Protection program is to provide CB Collective Protection systems. The CB Collective Protection systems will be smaller, lighter, less costly, and more easily supported logistically at the crew, unit, ship, and aircraft level. Collective protection platforms include shelters, vehicles, ships, aircraft, buildings, and hospitals. The Collective Protected Field Hospitals (CPFH) provides Joint Service medical personnel CBRN collective protection to their medical treatment facilities. The Army's Collectively Protected Deployable Medical System (CP DEPMEDS); the Air Force's Collectively Protected Expeditionary Medical Support (CP EMEDS); and the Navy's Chemically Hardened Expeditionary Medical Facility (CH EMF) converts the service's field hospitals into a fully operational, environmentally controlled, and collectively protected medical treatment facility. The requirement is to sustain medical operations in a CB contaminated environment for 72 hours. The Collective Protection System (CPS) Backfit Program installs CPS in mission critical medical and command and control spaces on two Navy amphibious ship classes: Landing Helicopter Assault (LHA) and Landing Helicopter Dock (LHD). The Chemical Biological Protective Shelter (CBPS) provides a contamination free, environmentally controlled working area for medical, combat service, and combat service support personnel to obtain relief from the continuous need to wear CB protective clothing for greater than 72 hours of operation.

JUSTIFICATION: Operational forces across the continuum of global, contingency, special operations/low intensity conflict, counternarcotics, and other high-risk missions have immediate needs to safely operate, survive and sustain operations in a nuclear, biological and chemical (NBC) agent threat environment. Operating forces have a critical need for defense against worldwide proliferation of NBC warfare capabilities and for medical treatment facilities.

	Exhibit P-40M, B	udget Item	Justificatio	n Sheet			Date:		Febr	uary 2007		
Appropriation/Budget Activ	rity/Serial No: Γ DEFENSE-WIDE/3/CHEM-1	RIO DEFENSE			P-1 Ite	em Nomenclatu	ıre (PA	(1600) COLL	ECTIVE PRO	OTECTION		
Program Elements for Code		BIO DEI ENSE	Cod	e: Othe	r Related Progr	am Elements:	(
Description		Fiscal Year	rs									
OSIP NO.	Classification	PRIOR	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
	ion System Amphibious Backf											
		193.6	10.4	8.8	10.6	5.1	0.0	0.0	0.0	0.0	0.0	228.5
Totals		193.6	10.4	8.8	10.6	5.1	0.0	0.0	0.0	0.0	0.0	228.5

Exhibit P-5, Weapon				ctivity/Serial N SE-WIDE/3/CHE			ttem Nomencla)N	Weapon Syste	т Туре:	Date:	ıary 2007
WPN SYST Cost Analysis		DEFENSE		5E ((185) 5) 51E	210		,, collicit.	LINGILETIC					.a
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
COLLECTIVE PROT SYS AMPHIB BACKFIT (CPS BACKFIT)		10377			8798			10564			5124		
CP FIELD HOSPITALS (CPFH)		2900			4073			3519			3369		
CB PROTECTIVE SHELTER (CBPS)		18137			30462			24774			32001		
TOTAL		31414			43333			38857			40494		

Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		LLECTIVE PRO	T SYS AMPH	IIB BACKFIT	(CPS BACKF	IT)
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	34	4	3	4	2						47
Gross Cost	90.3	10.4	8.8	10.6	5.1						125.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	90.3	10.4	8.8	10.6	5.1						125.1
Initial Spares											
Total Proc Cost	90.3	10.4	8.8	10.6	5.1						125.1
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The increased threat of Weapons of Mass Destruction (WMD) has reinforced the need to provide better defensive measures to protect personnel and vital ship interior spaces from toxic chemical, biological agents, and radioactive fallout. The Collective Protection System (CPS) Backfit Program was established as a result of the 1997 Quadrennial Defense Review (QDR). The QDR documented a requirement for installation of CPS in mission critical medical and command and control spaces on three Navy amphibious ship classes: Landing Helicopter Assault (LHA), Landing Helicopter Dock (LHD), and Landing Ship Dock (LSD). CPS is integrated with the ship's heating, ventilation, and air-conditioning (HVAC) systems and provides filtered supply air for over-pressurization of specified shipboard zones to keep toxic contamination from entering protected interior spaces. CPS eliminates the need for the ship's crew to wear protective gear (i.e., suits, masks). CPS will be installed on high priority ships and is adaptable to any ship airflow requirements. Procurement objective is to install CPS on 12 amphibious ships totaling 47 zones of protection. This objective is accomplished by conducting advance planning, completing Shipboard Installation Drawings (SIDs), procuring long lead items, procuring installation material, completing CPS installations, providing engineering/technical support, performing system start-ups, completing operational training, and system certification.

JUSTIFICATION: FY08 provides funding for the design and installation of CPS equipment for three zones on LHD-8 (USS MAKIN ISLAND) creating interior areas that will be safe from the effects of WMD. CPS Backfit enables amphibious ships to sustain operations while under threat of WMD contamination.

Date:

February 2007

MODIFICATION TITLE: (JN0014) Collective Protection System Amphibious Backfit

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FY 2007

FY 2007

12/06

09/07

MODELS OF SYSTEM AFFECTED: LHD class ships

DESCRIPTION/JUSTIFICATION:

Milestone

Contract Dates:

Delivery Date:

The CPS will be installed on LHD class ships in the Combat Information Center (CIC), two medical spaces, and a casualty decontamination area. CPS Backfit efforts will include ship surveys, engineering design analysis, detail design SIDs, development of modular installation packages, procurement of hardware, logistic warehousing and staging, and installation via Alteration Installation Teams (AITs). Procurement of government furnished equipment (GFE) is required. The CPS Backfit installation process is designed to maximize flexibility in procuring, receiving, warehousing, and assembling the necessary material and equipment to meet the challenges associated with changing ship availabilities. Each quantity denotes a protected zone.

Accomplished

FY 2008

FY 2008

Planned

THICSTORE						idiliou		CCOmpi	ionica											
LHD-1 (USS WASP)							200	01												
LHD-2 (USS ESSEX)							200	01												
LHD-3 (USS KEARSARGE)							200													
LHD-4 (USS BOXER)							200													
LHD-5 (USS BATAAN)							200													
LHD-6 (USS BONHOMME RICH	ARD)						200	06												
LHD-7 (USS IWO JIMA)						007														
LHD-8 (USS MAKIN ISLAND)					20	009														
Installation Schedule:																				
	Pr Yr		FY :	2006			FY 2	2007			FY 2	2008			FY 2	2009		FY 2	2010	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4 1	2	3	4
Inputs	24	2				2				3				1						
Outputs	24				2				2				3				1			
		FY 2	2011			FY 2	2012			FY 2	2013			FY 2	014		То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete			
Inputs																				32
Outputs																				32
METHOD OF IMPLEME	NTATION	I: .	AIT		•	ADMINI	STRATIV	VE LEAD	TIME:	•	3			PRODUC	TION L	EADTIM	E: 10			

12/07

09/08

FY 2009

FY 2009

12/08

09/09

Date:

February 2007

MODIFICATION TITLE (Cont): (JN0014) Collective Protection System Amphibious Backfit

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2005																				
	and	Prior	FY 2	2006	FY:	2007	FY 2	2008	FY 2	2009	FY 2	2010	FY 2	2011	FY 2	2012	FY:	2013	Т	C	TOT	AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																						
PROCUREMENT																						
Kit Quantity																						
Installation Kits																						
Installation Kits, Nonrecurring																						
Equipment	24	17.8	2	1.8	2	3.5	3	4.1	1	2.0											32	29.2
Equipment, Nonrecurring																						
Engineering Change Orders																						
Data		2.6		0.4		0.8		0.8		0.8												5.4
Training Equipment																						
Support Equipment																						
Other		2.6		0.4		0.8		0.7		0.8												5.3
Interim Contractor Support																						
Installation of Hardware FY 2005 & Prior Eqpt Kits FY 2006 Eqpt Kits FY 2007 Eqpt Kits FY 2008 Eqpt Kits FY 2009 Eqpt Kits FY 2010 Eqpt Kits FY 2011 Eqpt Kits FY 2012 Eqpt Kits FY 2013 Eqpt Kits TC Equip-Kits	24	21.0	2	2.0	2	3.7	3	5.0	1	1.5											24 2 2 3 1	21.0 2.0 3.7 5.0 1.5
Total Equip-Kits	24	21.0	2	2.0	2	3.7	3	5.0	1	1.5											32	33.2
Total Procurement Cost		44.0		4.6		8.8		10.6		5.1												73.1

Date:

February 2007

MODIFICATION TITLE: (JN0014) Collective Protection System Amphibious Backfit

MODELS OF SYSTEM AFFECTED: LHA class ships

DESCRIPTION/JUSTIFICATION:

CPS will be installed on ships LHA 1-5 in two medical spaces, and a casualty decontamination space. CPS Backfit efforts will include ship surveys, engineering design analysis, detail design SIDs, procurement of hardware, modular installation packages, logistical warehousing and staging, and installation via AITs. Procurement of GFE is required. The CPS Backfit installation process is designed to maximize flexibility in procuring, receiving, warehousing, and assembling the necessary equipment and material to meet the challenges associated with changing ship availabilities. Each quantity in this budget denotes a zone of protection.

Milestone	Planned	Accomplished
LHA-5 (USS PELELIU) (ONE ZONE)		2000
LHA-3 (USS BELLEAU WOOD)		2003
LHA-1 (USS TARAWA)		2004
LHA-5 (USS PELELIU) (THREE ZONES)		2004
LHA-4 (USS NASSAU)		2006

Installation Schedule:

Inputs		
Outputs		

Inputs Outputs

Pr Yr	FY 2006				FY 2007					FY 2	2008			FY 2	2009		FY 2010				
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
12			3																		
12				3																	

	FY 2011			FY 2012					FY 2	2013			FY 2014			То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	15
																	15

METHOD OF IMPLEMENTATION:	AIT	ADMINISTRATIVE LEADTIME:	PRODUCTION LEADTIME:
Contract Dates:	FY 2007	FY 2008	FY 2009

Delivery Date: FY 2007 FY 2008 FY 2009

Date:

February 2007

MODIFICATION TITLE (Cont): (JN0014) Collective Protection System Amphibious Backfit

FINANCIAL PLAN: (\$ in Millions)

a Qt	and Pri	FY 2005 and Prior																				
Qt		ıor	FY 2	2006	FY 2	2007	FY 2	2008	FY 2	009	FY 2	2010	FY 2	2011	FY 2	2012	FY 2	2013	T	C	TOT	ΓAL
	ty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																						
PROCUREMENT																						
Kit Quantity																						
Installation Kits																						
Installation Kits, Nonrecurring																						
Equipment 12	2 1	131.4	3	1.9																	15	133.3
Equipment, Nonrecurring																						
Engineering Change Orders																						
Data		2.6		0.4																		3.0
Training Equipment																						
Support Equipment																						
Other		3.3		0.6																		3.9
Interim Contractor Support																						
Installation of Hardware FY 2005 & Prior Eqpt Kits FY 2006 Eqpt Kits FY 2007 Eqpt Kits FY 2008 Eqpt Kits FY 2009 Eqpt Kits FY 2010 Eqpt Kits FY 2011 Eqpt Kits FY 2012 Eqpt Kits FY 2013 Eqpt Kits FY 2013 Eqpt Kits	2 1	12.3	3	2.9																	12 3	12.3 2.9
Total Equip-Kits 12	2 1	12.3	3	2.9																	15	15.2
Total Procurement Cost	1-	149.6		5.8																		155.4

Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DE	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome	enclature	(JP0911) CP	FIELD HOSP	ITALS (CPFH	I)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		3	3	2	2	2	2	3	3		20
Gross Cost		2.9	4.1	3.5	3.4	3.5	3.5	4.3	4.7		29.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)		2.9	4.1	3.5	3.4	3.5	3.5	4.3	4.7		29.9
Initial Spares											
Total Proc Cost		2.9	4.1	3.5	3.4	3.5	3.5	4.3	4.7		29.9
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Collectively Protected Field Hospitals (CPFH) program provides each Service's medical personnel a Chemical, Biological, and Radiological (CBR) collective protection capability to their medical treatment facilities. The Collective Protection Joint Project Office will ensure that each service's validated CPFH requirements are met in the most timely and cost efficient way possible. The Army's Chemically Protected Deployable Medical System (CP DEPMEDS); the Air Force's Collectively Protected Expeditionary Medical Support (CP EMEDS); and the Navy's Chemically Hardened Expeditionary Medical Facility (CH EMF) converts the service's field hospitals into a fully operational, environmentally controlled, and collectively protected medical treatment facility. Major components complexed together include barrier materials, Environmental Control Units (ECU), and air purification equipment. The requirement is to sustain medical operations in a Chemical and Biological (CB) contaminated environment for 72 hours.

JUSTIFICATION: FY08 will harden one CH EMF and one CP DEPMEDS. These shelters enable field hospitals to conduct critical life saving medical operations without the need for individual protective gear in high threat areas and during a CB attack.

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		•	ttem Nomencla CP FIELD HO		FH)	Weapon Syster	n Type:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
CP EMEDS BARRIER PROTECTION ENVIRONMENTAL CONTROL UNIT AIR PURIFICATION MISC COMPONENTS	A	869 362	65 70	13.369 5.171									
CH EMF BARRIER PROTECTION EVIRONMENTAL CONTROL UNIT AIR PURIFICATION MISC COMPONENTS	Α				922 434 39	1	922 434	922 434 72	1	922 434	922 434 72	1	922 434
CP DEPMEDS BARRIER PROTECTION AIR PURIFICATION ENVIRONMENTAL CONTROL UNIT MISC COMPONENTS	A				922 418 338 72	2 2		461 216 169 36	1 1 1	461 216 169	461 216 169 36	1	461 216 169
ASSEMBLY INTEGRATED LOGISTICS SUPPORT ENGINEERING SUPPORT SYSTEM MANAGEMENT EQUIPMENT SPECIALISTS ACQUISITION SUPPORT QUALITY ASSURANCE TECHNICAL PUBLICATION SYSTEM FIELDING SUPPORT/ PROVISIONING		564 311 266 125 75 80 85 68 95			227 111 107 75 76 81 86 69	l .		227 150 150 100 130 127 100 100 125			227 111 107 89 100 100 100 100		
FY06 quantities are CP EMEDS Small Portable Expeditionary Aerospace Rapid Response (SPEARR) 25 bed system components. TOTAL		2900			4073			3519			3369		

	Exhibit P-5a, Budget P	rocurement Hi	story and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE	s-WIDE/3/CHEM-BIO DEFENSE	Weapon System Тур	e:		P-1 Line I	tem Nomeno (JP091	clature: 1) CP FIELD	HOSPITALS	(CPFH)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
BARRIER PROTECTION										
FY 07	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Mar-07	Jun-07	1	922000	No		
FY 08	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Jan-08	Apr-08	1	922000	No		
FY 09	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Jan-09	Apr-09	1	922000	No		
AIR PURIFICATION										
FY 07	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Mar-07	Jun-07	1	434000	Yes		
FY 08	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Jan-08	Apr-08	1	434000	Yes		
FY 09	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Jan-09	Apr-09	1	434000	Yes		
BARRIER PROTECTION										
FY 07	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Mar-07	Jun-07	2	461000	Yes		

REMARKS:

	Exhibit P-5a, Budget P	Procurement Hi	story and Planning					Date:	ebruary 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Тур	oe:		P-1 Line I	tem Nomeno (JP091	clature: 1) CP FIELD	HOSPITALS	(CPFH)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
BARRIER PROTECTION (cont)										
FY 08	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Mar-08	Jun-08	1	461000	Yes		
FY 09	International Star Corp, New Baltimore, MI	C/FFP	TACOM, Rock Island, IL	Mar-09	Jun-09	1	461000	Yes		
AIR PURIFICATION										
FY 07	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Mar-07	Jun-07	2	217000	Yes		
FY 08	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Mar-08	Jun-08	1	216000	Yes		
FY 09	Hunter Mfg Co, Solon, OH	C/FFP	TACOM, Rock Island, IL	Mar-09	Jun-09	1	216000	Yes		
ENVIRONMENTAL CONTROL UNIT										
FY 07	DRS Sustainment Systems, St Louis, MO	C/FFP	TACOM, Rock Island, IL	Mar-07	Jun-07	2	169000	Yes		
FY 08	DRS Sustainment Systems, St Louis, MO	C/FFP	TACOM, Rock Island, IL	Mar-08	Jun-08	1	169000	Yes		

REMARKS:

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	EM-BIO DEFENSE	Weapon System Type	:		P-1 Line It	em Nomeno (JP091	lature: 1) CP FIELD	HOSPITALS (CPFH)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
ENVIRONMENTAL CONTROL UNIT (cont)										
FY 09	DRS Sustainment Systems, St Louis, MO	C/FFP	TACOM, Rock Island, IL	Mar-09	Jun-09	1	169000	Yes		
REMARKS:										
REMARKS.										

	Exhibit P21, Produc	etion S	chodulo			P-1 Item	Nomenclati	ure:		(IPO9	911) ('P FII	FLD I	HOSE	ЭІТАІ	LS (C	PFH)							Date:			Fe	bruar	v 200°	7		
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		2	FY 06	AF	65 70		70										A	20	20	20	20	20	5		+	╫	+	+-	Н			
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BARRIEI	R PROTECTION	3	FY 07	N	1		1																		Α			1				
AIR PUR	IFICATION	2	FY 07	N	1		1																		Α			1				
BARRIEI	R PROTECTION	3	FY 07	A	2		2																		Α			1	1			
AIR PUR	IFICATION	2	FY 07	A	2		2																		Α			1	1			
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2	Hunter Mfg Co, Solon, OH		1		30	90	E		nitial /				0/0			8/5				/ 4		\vdash	11/9		-							
3 4	International Star Corp, New Baltimore, MI DRS Sustainment Systems, St Louis, MO		1		12 20	24 50	E E	_	nitial / nitial /				0/0			5/3 5/5				/ 4 / 4		\vdash	9/7		1							
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	Exhibit P21, Produ	ction S	chodulo			P-1 Item	Nomenclati	ure:		(IP09)11) <i>C</i>	CP FIE	I D I	HOSE	ITAI	S (C)	PFH)							Date:	:		Fe	bruary	, 200°	7		
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BARRIE	R PROTECTION	3	FY 09	N	1		1																A			1						
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MFR			PR	ODUCT	ION RATES											EAD	TIME	S					TOTA	L		REM	ARKS					
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	-					or 1 C)ct		ter 1 C	Oct			1 Oct		А	After 1		1							
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2	Hunter Mfg Co, Solon, OH International Star Corp, New Baltimore, MI		1 1		30 12	90 24	E E		nitial / F nitial / F				0/0			8/5 5/3				/ 4 / 4			9/7		1							
4	DRS Sustainment Systems, St Louis, MO		1		20	50	E E	_	nitial / F nitial / F				0/0			5/5				/ 4 / 4			9//		1							
4	DIS SUSTAININENT SYSTEMS, ST LOUIS, MO		1		20	50	E	- 11	muai / F	ceorae	51°		0/0			3/3			4 /	/ 4			9/9		1							
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Exhib	it P-40, Budge	et Item Justi	fication Shee	et			Date:	F	Sebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3,	/CHEM-BIO DE	EFENSE		P-1 Item Nome		(R12301) CB PR	OTECTIVE S	SHELTER (CE	BPS)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	230	21	28	21	30	52	53	61	61		557
Gross Cost	176.3	18.1	30.5	24.8	32.0	32.4	32.8	37.4	37.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	176.3	18.1	30.5	24.8	32.0	32.4	32.8	37.4	37.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	176.3	18.1	30.5	24.8	32.0	32.4	32.8	37.4	37.3	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Services need a highly mobile, self-contained collective protection system which can provide a contamination free working area for Echelon I and II medical treatment facilities and other selected units. The Chemical and Biological Protective Shelter (CBPS) satisfies this need. The CBPS replaces the M51 Chemical Protective Shelter. The system consists of a Collectively Protected (CP) shelter modularized and integrated into a service selected prime-mover. The system is completely self contained, self powered, mobile, and adaptable to a variety of missions. CBPS relieves medical, combat service, and combat service support personnel from wearing chemical-biological protective clothing. The system is capable of operating continuously for 72 hours providing a contamination free environmentally controlled working area.

JUSTIFICATION: In FY08 this program will procure 21 CBPS systems.

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial No BE-WIDE/3/CHE			Item Nomencla) CB PROTECT		R	Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	D		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
	┪	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
CB Protective Shelters Prime Mover Integration and Installation Filters	A	7563 4095 64	21 21 63	360 195 1.016	14245 8645 2623 97	28 28 84		10290 5460 3225 73	21 21 64	490 260 1.141	13980 7800 4389 105	30	466 260 1.167
Engineering Support		2184			2432			2556			2556		
First Article Testing		2871			525			1275			1275		
New Equipment Training					650			656			775		
Integrated Logistic Support		565			354			426			212		
Total Package Fielding (includes spares)		795			891			813			909		
TOTAL		18137			30462			24774			32001		

	Exhibit P-5a, Budget	Procurement His	tory and Planning					Date: F	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENS	E-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	:		P-1 Line It	em Nomeno (R12301)		ΓΙVE SHELTI	ER (CBPS)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss Date
CB Protective Shelters										
FY 06	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Mar-06	Sep-09	21	360143	Yes		
FY 07	Smiths Detection, Edgewood, MD	C/FFP - Option 1	TACOM, Rock Island, IL	Feb-07	Feb-10	28	508750	Yes		
FY 08	Smiths Detection, Edgewood, MD	C/FFP - Option 2	TACOM, Rock Island, IL	Jan-08	Sep-10	21	490000	Yes		
FY 09	Smiths Detection, Edgewood, MD	C/FFP - Option 3	TACOM, Rock Island, IL	Jan-09	Mar-11	30	466000	Yes		

REMARKS:

	Ewhihit D21 Dunder	ation C	ah adula			P-1 Item	Nomenclati	ure:	(P	12301	I) CP	DDO	TECT	FIVE	CHEI	TED	(CD)	DC)						Date:			Eo	bruary	, 200	7		
	Exhibit P21, Produ	cuon S	cneauie						(К	12301	і) СБ			Year		JIEK	(СБІ	rs)						I	iscal	Year		oruary	/ 200	/		
				S	PROC	ACCEP	BAL								Cal	enda	r Yea	ır 06								Calei	ıdar `	Year ()7			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
CP Proto	ctive Shelters	1	FY 04	A	26		26							H									1	3	4	7	7	4				
	trofit Kits	3	FY 04	A	34		34																ı	3	4	7	25	2				
CRDS Da	trofit Kits	3	FY 05	A	161		161																			H		23	25	25	25	63
CDISIC	uon Kits	3	11 03	Α	101		101																					23	23	23	23	6.5
CB Prote	ctive Shelters	2	FY 06	A	21		21						A													H						21
CB Prote	ctive Shelters	2	FY 07	A	28		28																	Α								28
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MFR			PR	ODUCT	ON RATES											LEAD	TIME	S					TOTA	L			ARKS					
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3	Smiths Detection, Edgewood, MD DRS Sustainment Systems, St. Louis, MO		1 1		4 25	12 50	E E			Reorde Reorde			0/0			5 / 4 12 / 0				/ 43 / 0			48 / 4 30 / 0		-							
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CBPS Re	trofit Kits	3	FY 05	A	161	98	63	25	25	13																						
CB Protec	ctive Shelters	2	FY 06	A	21		21																								2	19
CB Protec	ctive Shelters	2	FY 08	A	21		21				A																					21
CB Protec	ctive Shelters	2	FY 09	A	30		30																A									30
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						or 1 C	_	Af	ter 1 C	Oct		After	1 Oct		_	fter 1		Arn	ny up-a	armor i		nents	have fo	rced c	contract
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	Exhibit P21, Produc	tion S	chedule			P-1 Item	Nomenclate	ure:	(R1	2301) CB l	PROT	ЕСТ	TVE S	SHEI	TER	(CBI	PS)]	Date:			Fel	oruary	2003	7		
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CB Prote	ctive Shelters	2	FY 06	A	21	2	19	4		4	4	3																				
CB Protec	ctive Shelters	2	FY 07	A	28		28					1	4	4	4	4	4	4	3													
CB Prote	ctive Shelters	2	FY 08	A	21		21												1	4	4	4	4	4								
CB Prote	ctive Shelters	2	FY 09	A	30		30																		4	4	4	4	4	4	4	2
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Number	NAME/LOCATION DRS Sustainment Systems, St. Louis, MO		MIN. 1		1-8-5 8	MAX.	UOM E	,	nitial / F).a1			or 1 O 0 / 0	ct		ter 1 C	Oct		After 24				fter 1 (have fo gn chai		ontract
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3	DRS Sustainment Systems, St. Louis, MO		1		25	50	Е		nitial / F				0/0			12/0			18				30 / 0									

	Exhibit P21, Produc	tion S	obodulo			P-1 Item	Nomenclati	ure:	(R1	12301) CB	PRO]	rect	IVE	SHEI	TER	(CRF	(20						Date:			Fe	bruary	200	7		
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CB Prote	ctive Shelters	2	FY 09	A	30	28	2	2																								
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													Α	Admini	strativ	e			Produ	iction					Pro	duction	ı Lead	times i	ncreas	ed beca	use ne	ew U.S.
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C)ct	Af	ter 1 O	ct		After	1 Oct		A	fter 1	Oct								ontract
1	DRS Sustainment Systems, St. Louis, MO		1		8	12	Е	Iı	nitial / I	Reorde	er		0/0			7/0			24	/ 0			31/0)	mod	lificati	ons an	d syste	m desi	gn char	iges.	
2	Smiths Detection, Edgewood, MD		1		4	12	Е	Ir	nitial / I	Reorde	er		0/0			5/4			43	/ 43			48 / 4	7	1							
3	DRS Sustainment Systems, St. Louis, MO		1		25	50	E	Iı	nitial / I	Reorde	er		0/0			12/0			18	/ 0		L	30 / 0)	4							
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Budget Line Item #81 CONTAMINATION AVOIDANCE

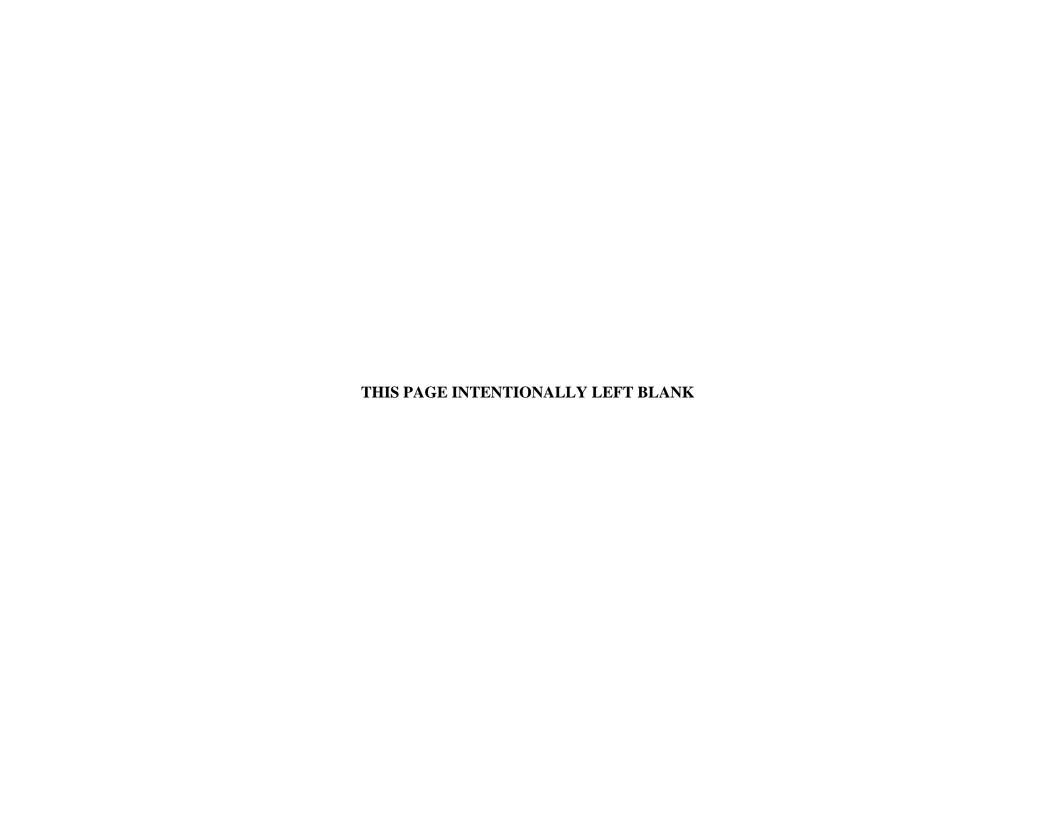


Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEI	FENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(GP2000) CON	TAMINATIO	N AVOIDAN	CE	
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	1308.2	306.4	241.7	211.3	217.0	267.6	282.2	331.8	388.9	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	1308.2	306.4	241.7	211.3	217.0	267.6	282.2	331.8	388.9	Continuing	Continuing
Initial Spares											
Total Proc Cost	1308.2	306.4	241.7	211.3	217.0	267.6	282.2	331.8	388.9	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: Contamination Avoidance encompasses detection, warning and reporting, and reconnaissance systems. In the area of chemical, biological and radiological detection, the program procures point and remote (stand-off) detection systems: M22 Automatic Chemical Agent Detector and Alarm (ACADA) is a man-portable automatic alarm system capable of concurrent nerve and blister agent detection; The Improved Chemical Agent Monitor (ICAM) is a hand-held, service member operated device for monitoring chemical agent contamination on personnel and equipment; Multi-Service Radiacs (MSR) are a family of nuclear radiation detectors that are used by the Army, Marines and Navy to detect and measure various forms of nuclear radiation in the battle space and in Operations Other Than War. The systems are the AN/PDR-75, the AN/VDR-2, the AN/VDR-13; Joint Biological Point Detection System (JBPDS) a point detection suite consisting of complementary trigger, sampler, detector, and identification technologies to detect and identify the full range of biological agents in real-time; Joint Chemical Agent Detector (JCAD) an automatic, lightweight man-portable, point-sampling, chemical warfare agent vapor detection/warning system which includes simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and data communication interface; Joint Bio Stand-off Detector System (JBSDS) a stand-off, early warning, biological detection system which is capable of providing near real time detection of biological attacks/incidents, and stand-off early warning/detection of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms, including Nuclear Biological Chemical (NBC) reconnaissance platforms; and Joint Service (JS) Lightweight Stand-off Chemical Agent Detector (JSLSCAD) a ruggedized, passive, infrared detection system that automatically searches the surrounding atmosphere for chemical agent vapor clouds, with a 360 degree on-the-move stand-off detection at distances of up to two kilometers. In the warning and reconnaissance area: Joint Warning and Reporting Network (JWARN) provides a fully automated NBC detection and warning process throughout the battle space; JS Chemical /Biological/Radiological Agent Water Monitor (JCBRAWM) will be an automated, man-portable water sampling device designed to provide early warning and monitoring of chemical and biological warfare threats in source and potable water supplies; NBC Reconnaissance Vehicle (NBCRV) a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment integrated into a high speed, high mobility, armored carrier capable of performing NBC reconnaissance on primary, secondary, or cross country routes throughout the battle space; and Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards. The Joint Effects Model (JEM) an accredited model for predicting hazards associated with the release of contaminants into a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban NBC environments (Increment 2) and building interiors, and human performance degradation (Increment 3). Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations.

JUSTIFICATION: Contamination Avoidance is the primary objective of the Joint NBC Defense program. Operational forces have an immediate need to safely operate, survive, and sustain operations in an NBC agent threat environment. Contamination Avoidance is necessary to maintain operational efficiency and minimize the need to decontaminate vehicles, equipment, and areas. Advanced chemical defensive equipment is required to enhance US capability to detect and identify threat agents in the battle space.

NOTE: The FY 2006 Contamination Avoidance Commodity Area BLIN contains \$53.178M of Emergency Supplemental Funding.

Exhibit P-5, Weapon				ctivity/Serial N SE-WIDE/3/CHE			tem Nomencl	ature: ATION AVOII	DANCE	Weapon Syste	т Туре:	Date: Febr	uary 2007
WPN SYST Cost Analysis Weapon System	ID	DEFENSE	FY 06			FY 07			FY 08			FY 09	
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT WARNING & REPORTING NETWORK (JWARN)		6112	Lacii	\$000	6517	Lacii	φυσο	6744	Lacii	9000	6944		φοσο
JOINT BIO POINT DETECTION SYSTEM (JBPDS)		112766			105333			77784			76397		
JS CHEMICAL/BIOLOGICAL/RADIOLOGICAL AGENT WATER MONITOR								5047			6067		
JOINT EFFECTS MODEL (JEM)		1996			2050			3534			4394		
JOINT OPERATIONAL EFFECTS FEDERATION (JOEF)								3611			3328		
JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)		16483											
NBC RECON VEHICLE (NBCRV)		58460			10225			7814					
JOINT CHEM AGENT DETECTOR (JCAD)					22588			33855			38393		
MULTI-SERVICE RADIACS (MSR)		11794			8512			6097			6185		
CONTAMINATION AVOIDANCE (CA) LESS THAN \$5M		395											
AUTO CHEMICAL AGENT ALARM (ACADA), M22		34511			14437								
JOINT NBC RECONNAISSANCE SYSTEM (JNBCRS)		31151			52586			50385			75261		
IMPROVED CHEMICAL AGENT MONITOR (ICAM)		18146											

Exhibit P-5, Weapon WPN SYST Cost Analysis				activity/Serial N SE-WIDE/3/CHE			ttem Nomencla) CONTAMIN		DANCE	Weapon Syste	т Туре:	Date: Febr	ıary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD)		14615			19497			16440					
TOTAL		306429			241745			211311			216969		

Exhib	it P-40, Budge	t Item Justi	fication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3,	/CHEM-BIO DE	EFENSE		P-1 Item Nome		JOINT WARNIN	NG & REPORT	ΓING NETWO	ORK (JWARN)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	65	25	300	2000	2500	2700	2500				10090
Gross Cost	48.0	6.1	6.5	6.7	6.9	6.6	7.0	8.2	5.7		101.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	48.0	6.1	6.5	6.7	6.9	6.6	7.0	8.2	5.7		101.8
Initial Spares											
Total Proc Cost	48.0	6.1	6.5	6.7	6.9	6.6	7.0	8.2	5.7		101.8
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: JWARN will provide Joint Forces with a comprehensive analysis and response capability to minimize the effects of hostile Nuclear, Biological and Chemical (NBC) attacks and accidents/incidents. It will provide the operational capability to employ NBC warning technology which will collect, analyze, identify, locate, report and disseminate NBC warnings. JWARN will be compatible and integrated with Joint Services Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems. JWARN will be located in Command and Control Centers at the appropriate level and employed by NBC defense specialists and other designated personnel. JWARN will transfer data automatically from and to the actual detectors/sensors and provide commanders with analyzed data for decisions for disseminating warnings down to the lowest level on the battlefield. JWARN will provide additional data processing, production of plans and reports, and access to specific NBC information to improve the efficiency of limited NBC personnel assets.

JWARN One Delta (JWARN 1D) is a legacy version of JWARN fielded to warfighters to support operational requirements which evolved into JWARN Initial Capability (JIC), an enhanced capability that supports insight for the JWARN Inc 1 software development process. The JIC will evolve from a Block I-based capability to a Block II -based capability as the software matures. The JIC will provide direct feedback on existing JWARN system requirements to ensure that warfighter needs will be met by the JWARN Acquisition Program. JWARN Component Interface Device (JCID) is the hardware component of the JWARN system. In addition to providing the physical interface to the sensors and the structure of the network, these devices will perform certain software functions to support system operation.

JUSTIFICATION: FY08 funds to procure 2000 JWARN JCID Sets at LRIP.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (G47101)	JOINT WARNING & REPORTING NETWORK (JWARN)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5 and Proj IS5	В			

RDT&E Code B Item

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

JWARN will provide Joint Forces with a comprehensive analysis and response capability to minimize the effects of hostile NBC attacks and accidents/incidents. It will provide the operational capability to employ NBC warning technology which will collect, analyze, identify, locate, report and disseminate NBC warnings. JWARN will be compatible and integrated with Joint Services Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems. JWARN One Delta (JWARN 1D) is a limited capability version of JWARN fielded to warfighters to support operational requirements. JWARN Initial Capability (JIC) is an enhanced JWARN 1D based capability that supports the goal of providing insight to the JWARN software development process. JWARN Component Interface Device (JCID) is the hardware component of the JWARN system. In addition to providing the physical interface to the sensors and the structure of the network, these devices will perform certain software functions to support system operation.

RDT&E FY05 and Prior - 101.3M; FY06 - 33.1M; FY07 - 14.9M; FY08 - 23.9M; FY09 - 16.7M; FY10 - 7.6M; FY11 - 6.9M; FY12 - 3.9M; FY13 - 13.6M

DEVELOT MENT/TEST STATUS AND MAJOR MILESTONES	SIAKI	COMILETE
JWARN Inc 1 - SDD Performance	4Q FY03	2Q FY06
JWARN Inc 1 - JIC Deployment	4Q FY03	2Q FY06
JWARN Inc 1 - JCID Design and Development	4Q FY03	2Q FY06
JWARN Inc 1 - Development Test	3Q FY06	4Q FY06
JWARN Inc 1 - Operational Assessment	4Q FY06	2Q FY07
JWARN Inc 1 - Milestone C	2Q FY07	3Q FY07
JWARN Inc 1 - JCID Low Rate Initial Production (LRIP) Contract Award	3Q FY07	1Q FY08
JWARN Inc 1 - First Article Test	3Q FY07	4Q FY07
JWARN Inc 1 - Initial Operational Test and Evaluation (IOT&E)	1Q FY08	2Q FY08
JWARN Inc 1 - Multiservice Operational Test & Evaluation	1Q FY08	2Q FY08
JWARN Inc 1 - Full Rate Production Milestone Decision	4Q FY08	4Q FY08
JWARN Inc 1 - Full Rate Production	4Q FY08	4Q FY11

COMPLETE

START

Exhibit P-5, Weapon WPN SYST Cost Analysis				ctivity/Serial No		(G47101	Item Nomencla) JOINT WARN PRK (JWARN)		RTING	Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JWARN - JIC Sets	A	1413	25	56.520	1733	30	57.767						
JWARN - JIC Component Integration Support		2500			1684								
JWARN - Procurement Planning Support		2199											
JWARN - JCID LRIP	В				1750	300	5.833	4744	2000	2.372	4944	2500	1.978
JWARN - Procurement Planning Support					1350			2000			2000		
TOTAL		6112			6517			6744			6944		

	Exhibit P-5a, Budge	t Procurement His	tory and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFEN	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	:			tem Nomeno) JOINT W	clature: ARNING & R	EPORTING N	NETWORK	(JWARN
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss
JWARN - JIC Sets										
FY 06	Northrop Grumman Corporation	C/CPIF	Winter Park, FL	Oct-05	Feb-06	25	0	Yes		
FY 07	Northrop Grumman Corporation	C/CPIF	Winter Park, FL	Oct-06	Feb-07	30	52000	Yes		
JWARN - JCID LRIP										
FY 07	Northrop Grumman Corporation	C/CPIF	Winter Park, FL	Aug-07	Nov-07	300	5833	Yes		
FY 08	Northrop Grumman Corporation	C/CPIF (Option)	Winter Park, FL	Oct-07	Jan-08	2000	2372	Yes		
FY 09	Northrop Grumman Corporation	C/CPIF (Option)	Winter Park, FL	Oct-08	Jan-09	2500	1978	Yes		

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IWARN	- JCID LRIP	1	FY 09	A	1250	1125	125	125																\vdash		\vdash		\vdash				
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Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		0) JOINT BIO P	OINT DETEC	ΓΙΟΝ SYSTE	M (JBPDS)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	265.6	112.8	105.3	77.8	76.4	112.0	112.0	101.5	100.4	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	265.6	112.8	105.3	77.8	76.4	112.0	112.0	101.5	100.4	Continuing	Continuing
Initial Spares											
Total Proc Cost	265.6	112.8	105.3	77.8	76.4	112.0	112.0	101.5	100.4	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Biological Point Detection System (JBPDS) provides continuous, rapid, and fully automated collection detection and identification of biological warfare agents. The JBPDS fully integrates a cyclone collector, fluid transfer system, biological agent detection system, and automated hand held assay reader into a biological sensor suite. The sensor suite, operated by two onboard controllers and a touchpad screen display, also includes commercial telemetry. The system can be controlled and monitored locally and remotely, and automatically interfaces with global positioning, meteorological, and communication systems. It is fully hardened and configured for a variety of service designated mobile platforms and battle spaces, including surface ships, wheeled vehicles, air base, and man portable applications. The JBPDS's four configuration specific nomenclatures are XM 96 Man Portable, XM 97 Shelter Vehicle, XM 98 Ship, and XM 102 trailer mounted configuration. JBPDS provides both: (1) a means to limit the effects of Biological Warfare Agent attacks and the potential for catastrophic effects to U.S. forces; and, (2) assistance to medical personnel in determining effective preventive measures, prophylaxis, and the appropriate treatment if exposure occurs. While, it is a first time defense capability for the US Marine Corps (LNBCRS) and US Air Force, the JBPDS replaces interim capabilities provided to the US Navy (Interim Biological Agent Detection System (IBADS)), and the Army (BIDS NDI and BIDS P3I).

JUSTIFICATION: FY08 continues procurement of 49 XM 97 Sheltered Vehicle configured JBPDS and 11 XM 98 Ship configured JBPDS for a total of 60 systems.

NOTE: The FY 2006 JBPDS program contains \$1M of Emergency Supplemental Funding.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	00) JOINT BIO POINT DETECTION SYSTEM (JBPDS)
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JC010	O) JOINT BIO POINT DETECTION STSTEM (JBPDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj BJ4 and Proj CA4; 0604384BP/Proj BJ5 and Proj CA5	В			

RDT&E Code B Item

The Joint Biological Point Detection System (JBPDS) provides continuous, rapid, and fully automated collection detection and identification of biological warfare agents. The JBPDS fully integrates a cyclone collector, fluid transfer system, generic detection system, and automated hand held assay reader into a biological sensor suite. The sensor suite, operated by two onboard controllers and a touchpad screen display, also includes commercial telemetry, global positioning, meteorological, and network modem devices. The system can be controlled and monitored locally and remotely, and automatically interfaces with global positioning, meteorological, and communication systems. It is fully hardened and configured for a variety of service designated mobile platforms and battlespaces, including surface ships, wheeled vehicles, air base, and man portable applications. The JBPDS's four configuration specific nomenclatures are XM 96 Man Portable, XM 97 Shelter Vehicle, XM 98 Ship, and XM 102 trailer mounted configuration. JBPDS provides both: (1) a means to limit the effects of Biological Warfare Agent attacks and the potential for catastrophic effects to U.S. forces; and, (2) assistance to medical personnel in determining effective preventive measures, prophylaxis, and the appropriate treatment if exposure occurs. It is a first time defense capability for the US Marine Corps and US Air Force and replaces interim capabilities provided to the US Navy (Interim Biological Agent Detection System (IBADS)) and the Army (BIDS NDI and BIDS P3I).

RDT&E FY05 and Prior - 122.1M; FY06 - 2.0M; FY07 - 1.2M; FY10 - 7.6M; FY11 - 7.0M; FY12 - 10.1M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

DEVELOPMENT/TEST STATUS AND MIAJOR MILESTONES	SIAKI	COMPLETE
Interim System Production - LRIP	4Q FY04	2Q FY09
Follow-On Operational Test and Evaluation (FOT&E)	4Q FY07	2Q FY08
MS C Full Rate Production Decision	3Q FY08	4Q FY08
Full Rate Production	4Q FY08	4Q FY13

COMPLETE

CTART

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		(JC0100)	Item Nomencla) JOINT BIO PO M (JBPDS)		ION	Weapon Syster	n Type:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Sensor Hardware													
XM 96 Manportable	В										6876	18	382
XM 97 Shelter Vehicle	В	26956	92	293	23560	76	310	16709	49	341	9660	28	345
NATO Slave Cable		206	92	2.239	192	76		134	49		81	28	2.893
Mechanical/Electrical & Data Hook-up		859	92	9.337	762	76	10.026	532	49	10.857	324	28	11.571
XM 98 Ship Ship Installation	В	7182	19	378	3652	11	332	4169	11	379	4213	11	383
XM 102 Trailer M42 Alarm	В										7021	17	413
3KW Gen											191	17	11.235
NATO Slave											66	17	3.882
M103 Trailer											295	17	17.353
M31E2 Platform Hardware													
HMMWV		5960	63	94.603	5600	56	100	2835	28	101	2855	28	102
Shelters		1990	63	31.587	1557	56	27.804	793	28	28.321	811	28	28.964
Radios		5038	63	79.968	4195	56	74.911	2106	28		2128	28	76
Auxiliary Equipment		13620	63	216	11112	56	198	5694	28	203	5765	28	206
Shelter Modification Lead		7037			5537			4268			4957		
2. In-House Assembly Suite		4157			4220			4580			5220		
3. Follow-On Test		2404			15466			9306					
4. Quality Assurance													
Suite		630			450			450			450		
Shelter		70			50			50			50		
5. Engineering Support		5122			6320			6794			5789		

Exhibit P-5, Weapon WPN SYST Cost Analysis				.ctivity/Serial N SE-WIDE/3/CHE		(JC0100	ttem Nomencla) JOINT BIO POM (JBPDS)	ature: OINT DETECT	TION	Weapon System	т Туре:	Date: Febru	nary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
6. Tooling and Test Equipment		1000											
7. Retrofit of Fielded JBPDS Systems		250											
8. Technical Manuals		48											
9. Interim Contractor Support		2674			2763			2916					
10. Initial Spares		13719			10741			9853			11877		
11. System Fielding Support		11844			9156			6595			6626		
12. Engineering Change Orders		2000									1142		
TOTAL		112766			105333			77784			76397		

	Exhibit P-5a, Budget	Procurement His	story and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-V	WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno 100) JOINT	clature: BIO POINT I	DETECTION S	SYSTEM (J	BPDS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
XM 96 Manportable										
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Jan-10	18	382000	Yes		
XM 97 Shelter Vehicle Total										
FY 06	General Dynamics ATP, Charlotte, NC	C/FFP/OPT 2	RDECOM, Edgewood,	Mar-06	Feb-07	92	304576	Yes		
FY 07	General Dynamics ATP, Charlotte, NC	C/FFP/OPT 3	RDECOM, Edgewood,	Dec-06	Feb-08	76	322539	Yes		
FY 08	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood,	Feb-08	Jan-09	49	340939	Yes		
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood,	Feb-09	Jan-10	28	359500	Yes		
XM 98 Ship Total										
FY 07	General Dynamics ATP, Charlotte, NC	C/FFP/OPT 3	RDECOM, Edgewood, MD	Dec-06	Feb-08	11	332000	Yes		

REMARKS: LRIP thru FY08. \$3.9M in FY06 procurement dollars shown on the P5 as "Auxiliary Equipment" will procure MEP-903A 10kw APUs as follows: 64 for FY06, 56 for FY07, 28 for FY08 and 28 for FY09. The advanced procurement of the MEP-903A 10kw APUs in the out years is a "life-of-type" buy for an item that PM MEP will no longer manage and has not identified a future replacement.

	Exhibit P-5a, Budget	Procurement Hi	istory and Planning					Date:	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENS	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	pe:			tem Nomen 100) JOINT		DETECTION S	SYSTEM (J	BPDS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
XM 98 Ship Total (cont)										
FY 08	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-08	Jan-09	11	379000	Yes		
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Jan-10	11	383000	Yes		
XM 102 Trailer Total										
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	May-10	17	428118	Yes		

REMARKS: LRIP thru FY08. \$3.9M in FY06 procurement dollars shown on the P5 as "Auxiliary Equipment" will procure MEP-903A 10kw APUs as follows: 64 for FY06, 56 for FY07, 28 for FY08 and 28 for FY09. The advanced procurement of the MEP-903A 10kw APUs in the out years is a "life-of-type" buy for an item that PM MEP will no longer manage and has not identified a future replacement.

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XM 98 SI	nip Total	3	FY 05	N	11		11					2	1	1		2	1	1	1	1	1											
	Frailer Total	3	FY 05	AF	3		3																3									
XM 97 SI	nelter Vehicle Total	3	FY 06	A	63		63						Α													7	7	7	7	7	7	21
XM 97 SI	nelter Vehicle Total	3	FY 06	AF	13		13						Α																			13
XM 97 Sl	nelter Vehicle Total	3	FY 06	MC	16		16						Α											4	4	2			2	2	2	
XM 98 SI	nip Total	3	FY 06	N	19		19						Α											4	3	4		2	2	2	2	
XM 97 Sl	nelter Vehicle Total	4	FY 07	A	60		60															Α										60
XM 97 SI	nelter Vehicle Total	4	FY 07	AF	16		16															A										16
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XM 96 M	Ianportable	1	FY 09	AF	18		18																	Α								18
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XM 98 S	hip Total	1	FY 09	N	11		11																	Α								11
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Exhibit	P-40, Budge	et Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEI	FENSE		P-1 Item Nome (JC0101)		CAL/BIOLOGIO	CAL/RADIOL	OGICAL AGI	ENT WATER N	MONITOR
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				5.0	6.1	3.2				Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)				5.0	6.1	3.2				Continuing	Continuing
Initial Spares											
Total Proc Cost				5.0	6.1	3.2				Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM) will be an automated, man-portable water sampling device designed to provide early warning and monitoring of chemical and biological warfare threats in source and potable water supplies. The system provides visual and audible alarms in the detection of harmful chemical, biological and radiological agents. Increment 1 - Biological hand-held assay tickets and Rad Monitors will be fielded; Increment 2 identifies a technology for enhancing chemical and biological agents in water; Increment 3 will replace the M272 Water Test Kit; and Increment 4 develops technology to replace all increments with continuous line chemical, biological and radiological (CBR) detection. The system will be capable of detecting CBR agents and contaminants in source water, water purification sites, and water distribution sites.

JUSTIFICATION: The FY08 JCBRAWM procurement funding will procure Increment 1 JCBRAWM Low Rate Initial Production (LRIP) items; 25,000 bio assays and 200 rad monitor components.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JC0101) JS CHEM	ICAL/BIOLOGICAL/RADIOLOGICAL AGENT WATER MONITOR
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5				

Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM) will be an automated, man-portable water sampling device designed to provide early warning and monitoring of chemical and biological warfare threats in source and potable water supplies. The system provides visual and audible alarms in the detection of harmful chemical, biological and radiological agents. Increment 1 - Biological hand-held assay tickets and Rad Monitors will be fielded; Increment 2 identifies a technology for enhancing chemical and biological agents in water; Increment 3 will replace the M272 Water Test Kit; and Increment 4 develops technology to replace all increments with continuous line chemical, biological and radiological (CBR) detection. The system will be capable of detecting CBR agents and contaminants in source water, water purification sites, and water distribution sites.

RDT&E FY05 and Prior - 4.0M; FY06 - 3.4M; FY07 - 7.5M; FY08 - 2.3M; FY09 - 4.1M; FY10 - 1.7M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Operational/Development Test Increment 1	2Q FY07	4Q FY07
MS C Increment 1 Low Rate Initial Production	1Q FY08	1Q FY08
MS C Increment 1 Full Rate Production (FRP) Decision	4Q FY08	4Q FY08

Exhibit P-5, Weapon WPN SYST Cost Analysis				activity/Serial N SE-WIDE/3/CHE		(JC0101 CHEMIC		CAL/RADIOLO	OGICAL	Weapon Syster	n Type:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JCBRAWM Increment 1 Low Rate Initial Production (LRIP)													
Bio Assay Tickets	В							1250	25000	0.050	4250	85000	0.050
Rad Monitor Components	В							200	200	1	900	900	1
Production Qualification Test (PQT)								2147					
Engineering Spt (Gov't) Technical Manuals System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training)								600 700 150			767 150		
TOTAL								5047			6067		

	Exhibit P-5a, Budget F							Date: F	ebruary 200	07
appropriation/Budget Activity/Serial No: PROCUREMENT DEFEN	NSE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	:		P-1 Line I (JC010	tem Nomeno l) JS CHEM	ICAL/BIOLO	GICAL/RADI MONITOR	OLOGICA	L AGENT
VBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Bio Assay Tickets										
FY 08	Unknown	C/FFP	RDECOM, APG, MD	Jan-08	Jun-08	25000	50	Yes		
FY 09	Unknown	C/FFP (Opt 1)	RDECOM, APG, MD	Jan-09	Jun-09	85000	50	Yes		
Rad Monitor Components										
FY 08	Canberra Dover, Dover, NJ	C/CPFF	CECOM, Ft Monmouth, NJ	Jan-08	Jun-08	200	1000	Yes		
FY 09	Canberra Dover, Dover, NJ	C/CPFF (Option 1)	CECOM, Ft Monmouth, NJ	Jan-09	Jun-09	900	1000	Yes		
EMARKS:										
ALMARAS:										

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	Exhibit P21, Prod	uction S	chedule			(JC0101) JS	СНЕ	MICA	T/BI	OLOG		L/RA scal Y			JAL .	AGE.	NI W	ATE	K M(JNIT	OK		,	Fiscal	Voor		bruary	7 200	/		
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	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M	A	M A	J U	J U L	A U G	S E P	A T E R
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Bio Assa		1	FY 08	AF	5000 5000		5000 5000			\dashv	A		\dashv				500	500	500	500	500	500				500	+	\vdash	Н			
Bio Assa	itor Components	2	FY 08 FY 08	N A	200		200				A A					5	500	500 10	500 20	_	500 20	_	_	_	_	500	20					
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Bio Assa	y Tickets	1	FY 09	A	65000		65000			\neg		\neg											Α			\vdash		5100	5100	5100	5100	44600
Bio Assa		1	FY 09	AF	10000		10000																Α			Т		1000		_	1000	6000
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Rad Mon	itor Components	2	FY 09	A	900		900																Α					50	50	50	70	680
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Rad Mon	itor Components	2	FY 09	A	900	220	080	80	100	100	100	100	100	100								\vdash	┢		╫	+	+	_		-		
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Exhibi	t P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DE	EFENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JC0208) JOI	NT EFFECTS	MODEL (JEM	I)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			2452	4541	5340						12333
Gross Cost	1.0	2.0	2.1	3.5	4.4						13.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	1.0	2.0	2.1	3.5	4.4						13.0
Initial Spares											
Total Proc Cost	1.0	2.0	2.1	3.5	4.4						13.0
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: Joint Effects Model (JEM) are in separate increments and is capable of modeling hazards in a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban Nuclear, Biological, and Chemical (NBC) environments (Increment 2), building interiors, and human performance degradation (Increment 3). Battle space commanders and first responders must have a CBRN hazard prediction capability in order to make decisions that will minimize risks of Chemical, Biological, Radiological, and Nuclear (CBRN) contamination and enable them to continue mission operations. The JEM is DoD's only accredited model for predicting hazards associated with the release of contaminants into the environment. JEM will operate in an integrated fashion with operational and tactical C4ISR systems, and in a standalone mode. JEM will interface and communicate with the other programs such as JPEO-CBD Joint Warning and Reporting Network (JWARN), the Joint Operational Effects Federation (JOEF), weather systems, intelligence systems, and various databases.

JUSTIFICATION: FY08 procures 4541 Increment 1 software copies at 14 separate Command and Control systems. Procurement of software will also include software fixes, updates and maintenance to the JEM baseline software to ensure JEM continues to evolve along with required host Service C4I systems upgrades.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(JC0208) JOINT EFFECTS MODEL (JEM)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IS5	В			PE 0604384BP, Project CA5

JEM is in separate increments and is capable of modeling hazards in a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban Nuclear, Biological, and Chemical (NBC) environments (Increment 2), building interiors, and human performance degradation (Increment 3). JEM will operate in an integrated fashion with operational and tactical C4ISR systems, and in a standalone mode. JEM will interface and communicate with the other programs such as JPEO-CBD Joint Warning and Reporting Network (JWARN), the Joint Operational Effects Federation (JOEF), weather systems, intelligence systems, and various databases.

RDT&E FY05 and Prior - 8.0M; FY06 - 21.0M; FY07 - 1.7M; FY08 - 14.7M; FY09 - 14.9M; FY10 - 14.6M; FY11 - 6.6M; FY12 - 7.0M; FY13 - 7.4M

Exhibit I	P-40C, Budget Item Justifica	ation She	et		Date:	February 2007	
Appropriation/Budget Activity/Serial No:				P-1 Item Nomenclature		restairy 2007	
	FENSE-WIDE/3/CHEM-BIO DEFEN	ISE			(JC0208) JOINT EFFEC	CTS MODEL (JEM	1)
Program Elements for Code B Items:	Y05	Code:	Other Related	Program Elements:	DE 0.50.400 (DD D 1		
0604384BP/Proj	185	В			PE 0604384BP, Project C	:A5	
RDT&E Code B Item							
DEVELOPMENT/TEST STATUS A	ND MAJOR MILESTONES					START	COMPLETE
Increment 1 - Software Development						3Q FY03	4Q FY06
Increment 1 - Developmental Test (D	T) (Contr)					1Q FY05	4Q FY06
Increment 1 - DT (Government)						2Q FY05	4Q FY09
Increment 1 - Software Maintenance						3Q FY05	4Q FY09
Increment 1 - Establish, Train, Stand U	Up Software Support Capabili	ty				3Q FY05	3Q FY06
Increment 1 - M/S C						4Q FY07	4Q FY07
Increment 1 - Production and Deployr	nent					4Q FY07	3Q FY09
Increment 1 - Limited Deployment Ph	nase					4Q FY07	4Q FY08
Increment 1 - Operational Testing (O)	Γ)					4Q FY07	4Q FY07
Increment 1 - Initial Operational Capa	ability (IOC)					2Q FY08	4Q FY08
Increment 1 - Full Rate Production						2Q FY08	4Q FY08
Increment 1 - Follow-on Test and Eva	luation					3Q FY08	2Q FY09
Increment 2 - Software Development						1Q FY08	2Q FY10
Increment 2 - DT (Cont)						3Q FY08	2Q FY10
						3Q FY08	2Q FY10

Exhibit P-5, Weapon				activity/Serial N SE-WIDE/3/CHE			Item Nomencla		EM)	Weapon Syster	п Туре:	Date: Febru	ıary 2007
WPN SYST Cost Analysis		DEFENSE											
Weapon System	ID		FY 06	ı		FY 07			FY 08	1		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JEM Software													
Software & Installation (Contractor)	A				567	2452	0.231	881	4541	0.194	1308	5340	0.245
Technical Engineering Support		496			489			465			737		
System Fielding Support (Total Package Fielding, First Destination Transportation & New Equipment Training) (NET)).		1316			994			1192			2349		
Service Deployment Lead Coordination Software Pre-Planned Product Improvement		184						996					
TOTAL		1996			2050			3534			4394		

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It	em Nomeno (JC0208	lature: 3) JOINT EFF	ECTS MODE	L (JEM)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Software & Installation (Contractor) FY 07 FY 08 FY 09	Unknown Unknown	C/CPAF C/CPAF	SPAWARSYSCOM, San Diego, CA SPAWARSYSCOM, San Diego, CA SPAWARSYSCOM, San Diego, CA	Feb-07 Feb-08 Feb-09	Mar-07 Mar-08 Mar-09	2452 4541 5340	231 238 245	Yes Yes Yes		
REMARKS:										

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	& Installation (Contractor)	1	FY 09	AF	2520		2520																	A	315	_		_	_		315	315
	& Installation (Contractor)	1	FY 09	MC	65		65																	A	65	_	313	313	31.	313	313	515
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	& Installation (Contractor)	1	FY 09	AF	2520	2205	315	315		\neg			\dashv													\vdash						
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Exhibi	t P-40, Budge	t Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DE	EFENSE-WIDE/3/	CHEM-BIO DEI	FENSE		P-1 Item Nome		JOINT OPERAT	IONAL EFFE	CTS FEDER <i>A</i>	ATION (JOEF)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		121	1085	1288					2494		
Gross Cost				3.6	3.3	3.5					10.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)				3.6	3.3	3.5					10.5
Initial Spares											
Total Proc Cost				3.6	3.3	3.5					10.5
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations. This system supports a non-real time, advance planning and analysis capability, as well as a near real time dynamic staff action support tool capability. JOEF is required to accurately depict the CBRN warfare environment including sensor/system deployment and the effects on personnel, equipment, and operations. JOEF is a CBRND tool to meet the Capability Development Document (CDD) requirements for fixed sites, mobile forces, medical capabilities, automation of tactics, techniques and procedures (TTPs), and to provide for Consequence Management. JOEF will provide a computer-based federated software system capable of providing deliberate planning support for the development of CBRND operational plans and near real time decision aids in a combat environment.

JUSTIFICATION: FY08 Funding procures 121 Increment 1 software systems. Funds also provide site-specific ancillary information technology equipment, training curricula and initial training, installation planning and installations, and site acceptance testing.

NOTE: JOEF will be fielded as a multi-variant software system which will interact with existing C41 systems. Each version will be tailorable to meet supported site requirements and therefore will generate a range of unit costs.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JC0209)	JOINT OPERATIONAL EFFECTS FEDERATION (JOEF)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj IS4; 0604384BP/Proj IS5	В			PE 0604384BP/Proj CA5

The Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations. This system supports a non-real time, advance planning and analysis capability, as well as a near real time dynamic staff action support tool capability. JOEF is required to accurately depict the CBRN warfare environment including sensor/system deployment and the effects on personnel, equipment, and operations. JOEF is a CBRND tool to meet the Capability Development Document (CDD) requirements for fixed sites, mobile forces, medical capabilities, automation of tactics, techniques and procedures (TTPs), and to provide for Consequence Management. JOEF will provide a computer-based federated software system capable of providing deliberate planning support for the development of CBRND operational plans and near real time decision aids in a combat environment.

RDT&E FY05 and Prior - 5.8M; FY06 - 16.2M; FY07 - 8.1M; FY08 - 4.8M; FY09 - 4.7M; FY10 - 2.0M; FY11 - 2.7M; FY12 - 5.9M; FY13 - 7.2M

Exhibit P-40C, Budge	t Item Justification Shee	t		Date:	February 2007	
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature		reducity 2007	
PROCUREMENT DEFENSE-WIDE/3/	CHEM-BIO DEFENSE) JOINT OPERATIONAL EI	FFECTS FEDERA	ATION (JOEF)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:			
0603884BP/Proj IS4; 0604384BP/Proj IS5	В			PE 0604384BP/Proj CA:	5	
RDT&E Code B Item						
DEVELOPMENT/TEST STATUS AND MAJOR I	MILESTONES				START	COMPLETE
Prototype Development					2Q FY04	1Q FY06
Focused Technology Assessment II (Mobile Forces)				2Q FY05	3Q FY05
Focused Technology Assessment III (Mobile Force	s & Bus. Process Mgt. Moo	dels)			3Q FY05	1Q FY06
Increment 1 - Milestone B					1Q FY06	1Q FY06
Increment 1 - Award Systems Development and De	monstration (SDD) Contra	nct			2Q FY06	2Q FY06
Increment 1 - Software Development					2Q FY06	3Q FY07
Increment 1 - Tech Reviews					2Q FY06	1Q FY08
Increment 1 - DT Build 1					1Q FY07	1Q FY07
Increment 1 - Operational Assessment					4Q FY07	4Q FY07
Increment 1 - DT Build 2					3Q FY07	3Q FY07
Increment 1 - Multi Operational Test & Evaluation	(MOTE)				2Q FY08	2Q FY08
Increment 1 - Milestone C (Limited Deployment)					4Q FY08	4Q FY08
Increment 1 - Initial Operational Capability (IOC)					4Q FY08	4Q FY08
Increment 1 - Full Operational Capability (FOC)					4Q FY09	4Q FY09

Exhibit P-5, Weapon WPN SYST Cost Analysis				.ctivity/Serial N SE-WIDE/3/CHE		(JC0209	ttem Nomencla) JOINT OPER. ATION (JOEF)	ATIONAL EFF	ECTS	Weapon Syster	n Type:	Date: Febru	nary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOEF													
JOEF Software Systems	A							451	121	3.727	827	1085	0.762
ILS Planning								1211			598		
Installation Planning								992			224		
Installations								552			697		
Training								405			982		
TOTAL								3611			3328		

	Exhibit P-5a, Budget Pr	rocurement Hist	ory and Planning					Date:	February 200)7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JC0209	tem Nomenc) JOINT OP	:lature: 'ERATIONAI	∠ EFFECTS FE	EDERATIO	N (JOEF)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JOEF Software Systems FY 08 FY 09	Unknown	MIPR MIPR	Unknown	Sep-08 Jan-09	Oct-08 Apr-09	121 1085	3727 762	Yes Yes		
REMARKS:										

			P-1 Item	Nomenclat																	Date:			_								
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IOEE Sot	tware Systems	1	FY 08	A	87		87												A	7	20	25	35			\vdash						
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	tware Systems	1	FY 08	N	14		14												A	3	8	3										
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JOEF Sof	tware Systems	1	FY 09	A	780		780																Α			85	150	155	155	155	80	
	tware Systems	1	FY 09	AF	150		150																Α			35		55	15			
	tware Systems	1	FY 09	MC	26		26																Α			5	10	11				
JOEF Sof	tware Systems	1	FY 09	N	129		129																Α			10	15	25	25	25	29	
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MFR			PR	ODUCT	ION RATES										L	EAD '	ГІМЕ	S					ТОТА	L		REM	ARKS					
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Exhibit	P-40, Budge	et Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEF	FENSE		P-1 Item Nome		JOINT BIO STA	NDOFF DET	ECTOR SYST	EM (JBSDS)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	8.0	16.5							20.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	8.0	16.5							20.2	Continuing	Continuing
Initial Spares											
Total Proc Cost	8.0	16.5							20.2	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											·

DESCRIPTION: The Joint Biological Stand-off Detector System (JBSDS) is the first joint biological stand-off early warning, biological detection (BD) system. The system will be capable of providing near real time detection of biological attacks/incidents, and stand-off early detection/warning (Detect to Warn) of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms, including NBC reconnaissance platforms. It will be capable of providing stand-off detection, ranging, tracking, discrimination (manmade vs. natural occurring aerosols), and generic detection (biological vs. non-biological) of large area BW aerosol clouds for advanced warning, reporting, and protection.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JC0250)) JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj BJ5 and Proj CA5	В			

The Joint Biological Stand-off Detector System (JBSDS) is the first joint biological stand-off early warning, biological detection (BD) system. The system will be capable of providing near real time detection of biological attacks/incidents, and stand-off early detection/warning (Detect to Warn) of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms, including NBC reconnaissance platforms. It will be capable of providing stand-off detection, ranging, tracking, discrimination (manmade vs. natural occurring aerosols), and generic detection (biological vs. non-biological) of large area BW aerosol clouds for advanced warning, reporting, and protection.

RDT&E FY05 and Prior - 47.2M; FY06 - 19.2M; FY07 - 14.5M; FY10 - 3.1M; FY11 - 7.4M; FY12 - 26.3M; FY13 - 11.5M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Increment 1 JBSDS LRIP (2 Systems)	3Q FY04	2Q FY05
Increment 1 JBSDS LRIP (4 Systems)	2Q FY05	2Q FY05
Increment 1 JBSDS Multi-Service Operational Test & Evaluation (MOT&E)	4Q FY06	1Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	ctivity/Serial N SE-WIDE/3/CHE		(JC0250	Item Nomencla) JOINT BIO ST	ΓANDOFF		Weapon Syster	п Туре:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JBSDS FRP Hardware	A	9333	12	778									
2. Engineering Support		1505											
3. Quality Assurance		230											
4. System Fielding Support		715											
5. Interim Contractor Support		4700											
TOTAL		16483											

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JC0250	em Nomenc)) JOINT BI	lature: O STANDOF	F DETECTOR	SYSTEM	(JBSDS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JBSDS FRP Hardware FY 06 REMARKS:	Science & Engineering Services, Inc, (SESI), Columbia, MD	C/FPI/OPT	RDECOM, APG, MD	Apr-07	Oct-07	12	777750	Yes		

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	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J	A U	S E P	O C T	N O V	D E C	J A N	F E B	М	A P R	M A	J U	J U L	A U G	S E P	A T E R
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	RIP Refurbishment	2	FY 05	A	6		6																1	1	2	2						
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JBSDS FI	RP Hardware	2	FY 06	A	12		12																			Α						12
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Exhib	oit P-40, Budge	et Item Justi	fication She	et			Date:	F	Sebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3,	/CHEM-BIO DI	EFENSE		P-1 Item Nom	enclature	(JC1500) NBC	RECON VEH	IICLE (NBCR	V)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elen	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	21		13								34
Gross Cost	29.6	58.5	10.2	7.8							106.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	29.6	58.5	10.2	7.8							106.1
Initial Spares											
Total Proc Cost	29.6	58.5	10.2	7.8							106.1
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) sensor suite is a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment. The sensor suite is integrated into a high speed, high mobility, armored carrier capable of performing NBC reconnaissance on primary, secondary, or cross country routes throughout the battlefield. The NBCRV will have the capability to detect and collect chemical and biological contamination in its immediate environment, on the move, thru point detection Chemical Biological Mass Spectrometer (CBMS) and Joint Biological Point Detection System (JBPDS), and at a distance thru the use of a stand-off detector, the Joint Service Lightweight Stand-off Chemical Agent Detector (JSLSCAD). It automatically integrates contamination information from detectors with input from on-board navigation and meteorological systems and automatically transmits digital NBC warning messages thru the vehicle's command and control equipment to warn follow-on forces.

JUSTIFICATION: FY08 funds retrofit sensor suite test articles and training devices for the Stryker Brigade Combat Teams receiving the NBCRV.

 $\textbf{NOTE:} \ \ The \ FY \ 2006 \ NBCRV \ program \ contains \ \$36.678M \ of \ Emergency \ Supplemental \ Funding.$

Exhibit P-5, Weapon WPN SYST Cost Analysis			_	activity/Serial N SE-WIDE/3/CHE		•	Item Nomencla) NBC RECON		BCRV)	Weapon Syster	п Туре:	Date: Febro	ıary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
NBCRV													
1. Hardware Sensor Suite CBMS II Sampling System UDR-13 Radiac and Mount Sensor Processing Group (SPG) Chem Vapor Sampling System (CVSS) Bio Cooler 2. Engineering Change Orders 3. Acceptance/First Article Testing 4. Quality Assurance (Gov't) 5. Engineering Support (Gov't) 6. Non-Recurring Engineering (Contractor) 7. Retrofit of sensor suite test articles 8. Human Factors Engineering/Sensor Improvement Engineering 9. Training Aids, Devices, Simulation, and Simulators (TADSS) 10. Test Support and Support Packages 11. Technical Manuals 12. Software Support 13. Initial Spares 14. CBMS Integration 15. System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training) FOX RECONSTITUTION 1. Hardware Kits (Fox Reconstitution)) 2. Integration, Design & Assembly 3. Software Development	В	896 425 300 1802 388 1500 7000 3600 400 420 2300 1500 1000 250	9	1300	2288 27 1339 944 13 525 400 300 1712	13 13 13 13	103 72.615	1712 3862 600 240 1400	4	4 966			

Exhibit P-5, Weapon		PROCUREMEN		ctivity/Serial N SE-WIDE/3/CHE		•	Item Nomencla) NBC RECON		BCRV)	Weapon Syster	т Туре:	Date: Febr	ıary 2007
WPN SYST Cost Analysis		DEFENSE	TTT 0 <			777.07			***** 00			TT 00	
Weapon System	ID		FY 06			FY 07			FY 08	1		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
 Quality Assurance Engineering & Technical Support (Gov't) Specifications & Drawings Training Materials Technical Manuals System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training) Training Aids, Devices, Simulation, and Simulators (TADSS) Spares and Repairs Kit 		1045 3216 1235 2843 2691 2237 1675 1305											
TOTAL		58460			10225			7814					

	Exhibit P-5a, Budget P	Procurement Hi	story and Planning					Date:	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I	tem Nomeno (JC1500	clature:) NBC RECO	N VEHICLE ((NBCRV)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Sampling System FY 07	General Dynamics Land Systems, Detroit, MI	SS/FFP	TACOM, Detroit, MI	Aug-07	Mar-08	13	176000	Yes		
UDR-13 Radiac and Mount FY 07	Canberra Industries, Dover, NJ	SS/FFP	CECOM, FT Monmouth,	Aug-07	Feb-08	13	2077	Yes		
Sensor Processing Group (SPG) FY 07	CACI, Manassas, VA	C/FFP	CECOM, Ft Monmouth,	Aug-07	Feb-08	13	99000	Yes		
Chem Vapor Sampling System (CVSS) FY 07	Battelle, Aberdeen, MD	SS/FFP	RDECOM, APG, MD	Aug-07	Mar-08	13	70000	Yes		
Bio Cooler FY 07	Koolatron Inc., Batavia, NY	SS/FFP	RDECOM, APG, MD	Aug-07	Dec-07	13	1000	Yes		

REMARKS: Purchases for FY04-07 are made thru modifications to base year contracts. There are no contract options. NBCRS Fox hardware refurbishment funded with Army Title IX Supplemental funds.

	Exhibit P-5a, Budget	Procurement Hi	istory and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/C	CHEM-BIO DEFENSE	Weapon System Typ	pe:		P-1 Line I	tem Nomeno (JC1500		N VEHICLE ((NBCRV)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss
Retrofit of sensor suite test articles FY 08	General Dynamics Land Systems, Detroit, MI	SS/FFP	TACOM, Detroit, MI	Dec-07	Jul-08	4	965500	Yes		
Hardware Kits (Fox Reconstitution)) FY 06	General Dynamics Land Systems, Detroit, MI	SS/FFP	TACOM, Detroit, MI	Feb-07	Mar-08	9	1300000	Yes		
NBCRS Fox Hardware Army Title IX Bridge FY 07	General Dynamics Land Systems, Detroit, MI	SS/FFP	TACOM, Detroit, MI	Feb-07	Jul-08	14	919000	Yes		

REMARKS: Purchases for FY04-07 are made thru modifications to base year contracts. There are no contract options. NBCRS Fox hardware refurbishment funded with Army Title IX Supplemental funds.

	Exhibit P21, Produc	tion S	ohodulo			P-1 Item	Nomenclat	ure:	(JC15(00) N	BC P	ECO	N VE	шст	E (NI	SCD1	D						Date:			Fe	bruar	, 200	7		
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		M	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	О	N	D	J	F	M	Α	М	J	J	A	S	О	N	D	J	F	М	A	М	J	ı	Α	S	A T
	COST ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	A R		A Y	U N	Ŭ L	U	E P	C T	O V	E C	A N	E B	A R	P R	A	U	Ŭ L	U G	E P	E R
Chem Va	apor Sampling System (CVSS)	4	FY 05	A	12	8	4	4																								
Hardware	e Kits (Fox Reconstitution))	7	FY 06	A	9		9																	A								9
Sampling	System	1	FY 07	A	13		13							\vdash									Н	\vdash		Н	+			A		13
	Radiac and Mount	2	FY 07	A	13		13				Н						Н									\vdash				A		13
Sensor Pr	rocessing Group (SPG)	3	FY 07	A	13		13																							Α		13
Chem Va	por Sampling System (CVSS)	4	FY 07	A	13		13																							A		13
Bio Coole	er	5	FY 07	A	13		13																			_				A		13
NBCRS I	Fox Hardware Army Title IX Bridge	1	FY 07	A	14		14	_			L			_			L				_		_	A	_	┡	-					14
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					P	rior 1 (Oct	At	fter 1 (Oct		After	1 Oct		A	fter 1	Oct						neir res		
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2	Canberra Industries, Dover, NJ		5		10	20	E	_		Reord			0/0			7/9				/7			16 / 1		-							
3	CACI, Manassas, VA		3		10	20	E	_		Reord			0/0			7/9				/7			16 / 1		4)7 awa ision J		ontract	s follo	w Mile	estone	С
4 5	Battelle, Aberdeen, MD Koolatron Inc., Batavia, NY		3 5		10 10	20 20	E E			Reord			0/0			14/9				/ 8 / 5			22 / 1 6 / 1 ⁴		deci	1310II J	ui U/.					
6	General Dynamics Land Systems, Detroit, MI		1		2	20 4	E E	_		Reord			3/0			2/2				/ 5 / 8			10 / 1		1							
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	Exhibit P21, Produc	tion S	chodulo			P-1 Item	Nomenclati	ure:	a	IC150	10) NE	RC RE	CON	JVEL	IICI I	E (NB	CRV	7)					1	Date:			Fel	oruary	200	7		
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				S	PROC	ACCEP	BAL								Cal	endar	· Yea	r 08								Caler	ıdar Y	ear 0	9			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
Hardware	: Kits (Fox Reconstitution))	7	FY 06	A	9		9						1	2	2	2	2															
Sampling	System	1	FY 07	A	13		13						3	4	3	3																
	Radiac and Mount	2	FY 07	A	13		13					13																				
Sensor Pr	rocessing Group (SPG)	3	FY 07	Α	13		13					3	4	3	3																	
Chem Va	por Sampling System (CVSS)	4	FY 07	A	13		13						3	4	3	3																
Bio Coole	er	5	FY 07	A	13		13			5	8																					
NBCRS I	Fox Hardware Army Title IX Bridge	1	FY 07	A	14		14										2	2	2	2	2	2	2									
Retrofit o	f sensor suite test articles	6	FY 08	A	4		4			A							1	1	1	1												
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MFR			PR	ODUCT	ION RATES										I	.EAD	ГІМЕ	S				-	ТОТА	L		REM	ARKS					
														Admini					Produ							-				onents		
Number	NAME/LOCATION Conseq Dynamics Land Systems Detroit MI		MIN. 1		1-8-5 3	MAX.	UOM E	T.	nitial / l	Daamila			or 1 O	Oct .		ter 1 O	ct		After 9/			_	fter 1 (eir resp nding v		
2	General Dynamics Land Systems, Detroit, MI Canberra Industries, Dover, NJ		5		10	20	E E		nitial / l				0/0			7/9			9/			_	16/1		inte	gration	cost					
3	CACI, Manassas, VA		3		10	20	E	_	nitial /]				0/0			7/9			9/			_	16 / 10		FY()7 awa	rd of c	ontracts	s follo	w Mile	stone (2
4	Battelle, Aberdeen, MD		3		10	20	Е	Iı	nitial /]	Reorde	er		0/0			14/9			8 /	/ 8			22 / 1	7	deci	ision J	ul 07.					
5	Koolatron Inc., Batavia, NY		5		10	20	E	Iı	nitial /]	Reorde	er		0/0			1/9			5 /	/ 5			6 / 14	ļ								
6	General Dynamics Land Systems, Detroit, MI		1		2	4	Е	Iı	nitial / l	Reorde	er		3/0			2/2			8 /	/ 8			10 / 10	0	1							
7	General Dynamics Land Systems, Detroit, MI		1		2	4	Е	Iı	nitial / l	Reorde	er		0/0	-		15 / 15			14 /	/ 14		H	29 / 29	9	-							
																									1							

Exhibi	t P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DE	EFENSE-WIDE/3/	CHEM-BIO DE	FENSE		P-1 Item Nome		F0100) JOINT CH	HEM AGENT	DETECTOR ((JCAD)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	100		4652	6945	8200	6776	6686	9495	13965		56819
Gross Cost	1.0		22.6	33.9	38.4	38.1	35.4	47.0	63.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	1.0		22.6	33.9	38.4	38.1	35.4	47.0	63.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	1.0		22.6	33.9	38.4	38.1	35.4	47.0	63.3	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, man-portable, point-sampling, chemical warfare agent vapor detection/warning system. The system includes simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and a data communication interface. JCAD will be operational in rotary wing and fixed wing cargo aircraft, in tracked vehicles, for personal detection, and aboard ships. The detector will have the capability to interface with the Joint Warning and Reporting Network (JWARN). The Increment 1 JCAD systems are being procured to replace the Chemical Agent Monitor (CAM), Improved CAM (ICAMs), Automatic Chemical Agent Detector and Alarm (ACADA or M22), M90, and M8A1. The Increment 2 JCAD will expand upon the Increment 1 capability by providing ability to detect low-level cumulative exposure, provide increased utility aboard ship and rotary wing aircraft, and expand the number and types of chemicals that can be detected.

JUSTIFICATION: The FY08 funding will procure 6,945 Joint Chemical Agent Detectors (JCAD).

Exhibit P-40C, Budget Item Justific	Date: February 2007							
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NICE	P-1 Item Nomenclature	em Nomenclature (JF0100) JOINT CHEM AGENT DETECTOR (JCAD)					
			ted Program Elements:					
0604384BP/Proj CA5	В							

DEVELOPMENT/TEST STATUS AND MAIOD MILESTONES

The Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, man-portable, point-sampling, chemical warfare agent vapor detection/warning system. The system includes simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and a data communication interface. JCAD will be operational in rotary wing and fixed wing cargo aircraft, in tracked vehicles, for personal detection, and aboard ships. The detector will have the capability to interface with the Joint Warning and Reporting Network (JWARN). The Increment 1 JCAD systems are being procured to replace the Chemical Agent Monitor (CAM), Improved CAM (ICAMs), Automatic Chemical Agent Detector and Alarm (ACADA or M22), M90, and M8A1. The Increment 2 JCAD will expand upon the Increment 1 capability by providing ability to detect low-level cumulative exposure, provide increased utility aboard ship and rotary wing aircraft, and expand the number and types of chemicals that can be detected.

RDT&E FY05 and Prior - 101.3M; FY06 - 14.3M; FY07 - 2.5M; FY08 - 11.8M; FY09 - 13.9M; FY10 - 4.3M; FY11 - 1.9M

DEVELOPMEN 1/1EST STATUS AND MAJOR MILESTONES	SIAKI		
Inc 1 - Production Qualification Test (PQT)	4Q FY04	1Q FY07	
Inc 1 - Milestone C Low Rate Initial Production (LRIP) Decision	2Q FY07	2Q FY07	
Inc 1 - Multi-service Operational Test and Evaluation (MOT&E)	4Q FY07	4Q FY07	
Inc 1 - Milestone C Full Rate Production (FRP) Decision	1Q FY08	1Q FY08	
Inc 2 - Production Qualification Test (PQT)	3Q FY07	2Q FY09	
Inc 2 - Milestone C Low Rate Initial Production (LRIP) Decision	3Q FY09	3Q FY09	
Inc 2 - LRIP Contract Award	3Q FY09	3Q FY09	
Inc 2 - Production Verification Test (PVT)	4Q FY09	4Q FY09	
Inc 2 - Multi-service Operational Test and Evaluation (MOT&E)	4Q FY09	4Q FY09	

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Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/Budget Activity/Serial No. PROCUREMENT DEFENSE-WIDE/3/CHEM DEFENSE									Weapon System Type:		Date: February 2007	
Weapon System	ID	FY 06			FY 07			FY 08			FY 09			
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
JCAD Inc 1 LRIP	В				18143	4652	3.900							
Contractor Maintenance					1035									
Engineering Support (Gov't)					2910									
System Fielding Support (Gov't) (Total Package Fielding, First Destination Transportation and New Equipment Training)					500									
JCAD Inc 1 Hardware (FRP) Contractor Maintenance Engineering Support (Gov't) Systems Fielding Support (Gov't) (Total Package Fielding, First Destination Transportation and New Equipment Training)	В							27085 3250 3000 520		3.900	33375 2968 650	8200	4.070	
JCAD Inc 2 LRIP	В										1350	300	4.500	
Engineering Support (Gov't)											50			
TOTAL					22588			33855			38393			

	Exhibit P-5a, Budget	t Procurement His	tory and Planning					Date: I	ebruary 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-	-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	s:		P-1 Line I	tem Nomeno JF0100) JOI	clature: NT CHEM A	GENT DETE	CTOR (JCA	.D)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss Date
JCAD Inc 1 LRIP										
FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Mar-07	May-07	4652	3900	Yes		
JCAD Inc 1 Hardware (FRP)										
FY 08	Smiths Detection, Edgewood, MD	SS/FFP (Opt 2)	RDECOM, APG, MD	Feb-08	May-08	6945	3900	Yes		
FY 09	Smiths Detection, Edgewood, MD	SS/FFP (Opt 3)	RDECOM, APG, MD	Feb-09	May-09	8200	4070	Yes		
JCAD Inc 2 LRIP										
FY 09	Unknown	C/FFP	Unknown	Apr-09	Jun-09	300	4500	Yes		

	Exhibit P21, Produ	ection C	ah adula			P-1 Item	Nomenclat		(JF010)()) I(MINIT	CUE	MAG	LENT	DET	ECTO	AP (I	CAD						Date:	:		Eo	bruary	, 2003	7		
	Exhibit P21, Produ	iction S	chedule					,	(31-010	JO) JC	JINI			Year (ECIC	JK (J	CAD	,]	Fiscal	Year		oruary	/ 200 /	'		
				S	PROC	ACCEP	BAL								Cal	endaı	r Yea	r 06								Cale	ıdar Y	Year ()7			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
JCAD Inc	1 I RIP	1	FY 07	A	3828		3828																		A	╀	50	100	200	200		3278
JCAD Inc		1	FY 07	MC	710		710																		A	\vdash	50	100	200	100	296	314
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MFR			PR	ODUCT	ON RATES										I	.EAD	TIME	S					TOTA	ΛL		REM	ARKS					
													Α	Admini					Produ	iction		1										
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 O	Oct	Af	ter 1 C	Oct		After	1 Oct		Α	After 1	Oct								
1	Smiths Detection, Edgewood, MD		40		1800	2200	Е	Iı	nitial / I	Reorde	er		5/0			5/4			3 /	/ 3			8/7	,								
2	Smiths Detection, Edgewood, MD		40		1800	2200	Е	Iı	nitial /]	Reorde	er		0/0			4/4			4.	/ 4			8/8	3								
3	Unknown		40		1800	2200		Iı	nitial /]	Reorde	er		0/0			6/6			3 ,	/ 3			9/9)	1							
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		М	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	_	2.7	ъ.	v	-	3.6			endar				0		-	v	Б	_	1					a	A
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				· ·		1001	1001	1	V	C	IN	Б	K	К	1	IN	L	G	r	1	٧	C	IN	Б	K	K	1	IN	L	G	P	K
JCAD Inc	1 LRIP	1	FY 07	A	3828	550	3278	196	500	500	500	500	550	532												Н						
JCAD Inc		1	FY 07	MC	710	396	314	314																		Т						
JCAD Inc	1 Hardware (FRP)	2	FY 08	A	4361		4361					A			575				62	229	575	575	575	575	595	600						
JCAD Inc	1 Hardware (FRP)	2	FY 08	AF	1006		1006					A				575			431													
JCAD Inc	1 Hardware (FRP)	2	FY 08	MC	657		657					A						575	82							L						
JCAD Inc	1 Hardware (FRP)	2	FY 08	N	921		921					A					575			346						╙						
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	1 Hardware (FRP)	1	FY 09	A	5745		5745																	A		┡	711				389	4645
	1 Hardware (FRP)	1	FY 09	AF	1395		1395																	A	-	┡	_	711		684		
	1 Hardware (FRP)	1	FY 09	MC	1060		1060																	A	-	⊢			711	27	322	
JCAD Inc	2 LRIP	3	FY 09	A	300		300																			A		150	150			
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1	Smiths Detection, Edgewood, MD		40		1800	2200	E	Iı	nitial /	Reorde	er		5/0			5/4			3 /	/ 3			8/7									
2	Smiths Detection, Edgewood, MD		40		1800	2200	Е	Iı	nitial /	Reorde	er		0/0			4/4			4	/ 4			8/8									
3	Unknown		40		1800	2200		Iı	nitial /	Reorde	er		0/0			6/6			3 ,	/ 3			9/9									
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3	Unknown		40		1800	2200	2		nitial /				0/0			6/6				/ 3			9/9		1							
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Exhib	it P-40, Budge	et Item Justi	fication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT D	EFENSE-WIDE/3	/CHEM-BIO DI	EFENSE		P-1 Item Nome	enclature	(JN0789) MUL	ΓΙ-SERVICE Ι	RADIACS (M	SR)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3345	9682	5139	2735	2861	2600					26362
Gross Cost	5.8	11.8	8.5	6.1	6.2	2.7					41.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	5.8	11.8	8.5	6.1	6.2	2.7					41.1
Initial Spares											
Total Proc Cost	5.8	11.8	8.5	6.1	6.2	2.7					41.1
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Multi-Service Radiacs are a family of nuclear radiation detectors that are used by the Army, Marines, and Navy to detect and measure various forms of nuclear radiation in the battle space and in Operations Other Than War. The systems allow users to avoid contamination and to reduce their exposure when avoidance is not possible. The four systems are the AN/PDR-75, the AN/VDR-2, the AN/PDR-77 and the AN/UDR-13. The AN/PDR-75 consists of the CP-696 Reader and the DT-236 Individual Dosimeter. The dosimeter is worn by individuals and measures the neutron and gamma dose the individual has received. The AN/VDR-2 is a tactical beta/gamma rate meter that is used for Health and Safety detection as well as in the battle space. It is also integrated into armored and wheeled vehicles with available mounts and installation kits. The AN/PDR-77 is used for nuclear weapons accident response, environmental level measurement of radiological materials, and in monitoring work areas where chemical detectors are repaired. It measures alpha, beta, gamma, and X-ray radiation with multiple probes. The AN/UDR-13 is a tactical dosimeter that is used in the field to monitor the radiation dose of a platoon or equivalent sized unit to make tactical decisions on stay time and route. It also has a rate meter function.

JUSTIFICATION: FY08 funding procures 2,260 AN/UDR-13 Radiacmeters and 475 AN/PDR-77 Radiac Sets.

NOTE: The FY 2006 MSR program contains \$3.5M of Emergency Supplemental Funding.

Exhibit P-5, Weapon	PROCUREMEN	_	ctivity/Serial N SE-WIDE/3/CHE		•	Item Nomencla) MULTI-SERV		S (MSR)	Weapon Syster	п Туре:	Date: Febru	ıary 2007
WPN SYST Cost Analysis	DEFENSE	FY 06			FY 07			FY 08			FY 09	
Weapon System ID	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements CD												
AN/UDR-13 Hardware Engineering Support (Gov't) Quality Assurance Total Package Fielding Initial Spares Update Technical Manuals AN/PDR-77 Hardware Engineering Support (Gov't) Quality Assurance Total Package Fielding Initial Spares Update Technical Manuals VDR-2 Hardware (Supplemental) Engineering Support (Gov't) Quality Assurance	\$000 5253 377 359 431 1874 3300 200	Each 7558 316	\$000 0.695 5.930	\$000 3182 418 350 70 327 10 3324 200 197 50 374 10	Each 4579 560	\$000 0.695 5.936	\$000 1571 350 349 50 200 10 2850 200 157 50 300 10	Each 2260 475		\$000 1651 350 350 50 154 10 2916 200 162 50 282 10	486	\$000 0.695
TOTAL	11794			8512			6097			6185		

	Exhibit P-5a, Budget P	Procurement His	story and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENS	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	n:		P-1 Line I	tem Nomeno (JN0789)		VICE RADIA	CS (MSR)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
AN/UDR-13 Hardware										
FY 06	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth, NJ	Nov-05	Jan-06	7558	695	Yes		Oct-05
FY 07	Canberra Dover, Dover, NJ	C/FFP (OPT1)	CECOM, FT Monmouth,	Nov-06	May-07	4579	695	Yes		
FY 08	Canberra Dover, Dover, NJ	C/FFP (OPT2)	CECOM, FT Monmouth,	Nov-07	Mar-08	2260	695	Yes		
FY 09	Canberra Dover, Dover, NJ	C/FFP (OPT3)	CECOM, FT Monmouth, NJ	Nov-08	Mar-09	2375	695	Yes		
AN/PDR-77 Hardware										
FY 07	Canberra Dover, Dover, NJ	C/FFP (OPT1)	CECOM, FT Monmouth, NJ	Nov-06	Mar-07	560	5936	Yes		
FY 08	Canberra Dover, Dover, NJ	C/FFP (OPT2)	CECOM, FT Monmouth, NJ	Nov-07	Mar-08	475	6000	Yes		

Exhibit P-5a, Budget P	Procurement His	tory and Planning					Date: F	ebruary 20	07
CHEM-BIO DEFENSE	Weapon System Type	:		P-1 Line It			VICE RADIA	CS (MSR)	
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Canberra Dover, Dover, NJ	C/FFP (OPT3)	CECOM, FT Monmouth, NJ	Nov-08	Mar-09	486	6000	Yes		
Canberra Dover, Dover, NJ	C/FFP	CECOM FT Monmouth, NJ	Aug-06	Dec-06	1808	1825	Yes		
Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth, NJ	Dec-06	May-07	4782	695	Yes		
Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth, NJ	Jan-07	May-07	3485	695	Yes		
Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth, NJ	Jan-07	Apr-07	506	696	Yes		
	CHEM-BIO DEFENSE Contractor and Location Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ	CHEM-BIO DEFENSE Contractor and Location Contract Method and Type Canberra Dover, Dover, NJ CANBERTA Dover, Dover, NJ	Canberra Dover, Dover, NJ CANBERTA Dover, Dover, NJ CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ CECOM, FT Monmouth, NJ	Weapon System Type: Contractor and Location Contract Method and Type Canberra Dover, Dover, NJ C/FFP (OPT3) CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ	Contractor and Location Contract Method and Type CECOM, FT Monmouth, Nov-08 Mar-09	Contractor and Location Contract Method and Type CECOM, FT Monmouth, NJ Canberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ CAnberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ CAnberra Dover, Dover, NJ C/FFP CECOM, FT Monmouth, NJ CAnberra Dover, Dover, NJ CAnberr	Contract of and Location Contract Method and Type CECOM, FT Monmouth, Nov-08 Mar-09 Afr-07 Apr-07 Sof 696	Part Part	Septembrie Sep

	Exhibit P-5a, Budget P	Procurement H	story and Planning					Date:	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DEFENSE	Weapon System Ty	oe:		P-1 Line I	tem Nomen (JN0789)	clature: MULTI-SER	VICE RADIA	.CS (MSR)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
AN/VDR-2 Hardware (Baseline) FY 07	Canberra Dover, Dover, NJ	SS/FFP	CECOM, FT Monmouth,	Jan-07	Apr-07	1557	1929	Yes		
AN/VDR-2 Hardware (Army Bridge) FY 07	Canberra Dover, Dover, NJ	SS/FFP	CECOM, FT Monmouth,	Jan-07	Nov-07	358	1927	Yes		
AN/PDR-75 Hardware (Army Baseline) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Jan-07	Jun-07	128	6633	Yes		
AN/PDR-75 Hardware (Army Bridge) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Jan-07	Dec-07	52	6635	Yes		
AN/PDR-77 Hardware (Army Bridge) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Jan-07	Feb-07	2	7500	Yes		

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	ardware (Supplemental)	1	FY 05	A	2515		2515		400	400	400	400	400	400	115									\vdash		┢	\vdash					
VDK-2 H	ardware (Supplementar)	1	F1 05	Α	2313		2313		400	400	400	400	400	400	113											Н		\vdash				
AN/UDR	-13 Hardware	2	FY 06	A	6038		6038		Α		219		706	880				649					940	1378	1266							
AN/UDR	-13 Hardware	2	FY 06	MC	1520		1520		Α										445	165		600	310									
AN/PDR-	-77 Hardware	3	FY 06	A	316		316						A				83	93	85	55												
VDR-2 H	ardware (Supplemental)	4	FY 06	A	1808		1808											Α				200	200	200	200	200	200	200	200	208		
AN/UDR	-13 Hardware (Army Supplemental)	1	FY 06	A	4782		4782															Α					400	400	400	400	400	2782
A N/I IDD	-13 Hardware	2	FY 07	A	3059		3059														A							\vdash		100	#00	2379
	-13 Hardware	2	FY 07	MC	1520		1520														A					-	200	500	500	180 320	500	2379
	-77 Hardware	3	FY 07	MC	560		560														A				50	100			100	320 110		
	-13 Hardware (Army Baseline)	5	FY 07	A	3485		3485														A		Α		30	100	400	_	400	400	400	1485
	-13 Hardware (Army Bridge)	6	FY 07	A	506		506																A	\vdash		506	400	400	400	400	400	1485
	-2 Hardware (Baseline)	7	FY 07	A	1557		1557																A			50	100	150	200	300	300	457
	-2 Hardware (Army Bridge)	7	FY 07	A	358		358																A			50	100	150	200	500	500	358
	-75 Hardware (Army Baseline)	8	FY 07	Α	128		128																A			Т		10	20	20	20	58
AN/PDR-	-75 Hardware (Army Bridge)	8	FY 07	A	52		52																Α									52
AN/PDR-	77 Hardware (Army Bridge)	9	FY 07	A	2		2																Α	2								
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4	Canberra Dover, Dover, NJ		100		600	2000	E	_	nitial /]				0/0			10 / 0				/ 0			15 / 0		1							
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6	Canberra Dover, Dover, NJ		100		600	2000			nitial /]				0/0			3/3				/9			7 / 12		1							
7	Canberra Dover, Dover, NJ		100		600	2000		_	nitial / l				0/0			3/3				/ 8		_	7/11		1							
8	Canberra Dover, Dover, NJ		5		20	60		Iı	nitial /]	Reord	er		0/0			3/3			6	/ 6			9/9									
9	Canberra Dover, Dover, NJ		20		50	200		Iı	nitial /]	Reord	er		0/0			3 / 1			2 .	/ 5			5/6									
10	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial /]	Reord	er		0/0			1 / 1			5 ,	/ 5			6/6									

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AN/UDR	-13 Hardware (Army Supplemental)	1	FY 06	A	4782	2000	2782	400	400	400	515	921	146													_		_				
	-13 Hardware	2	FY 07	A	3059	680	2379	500	500	500	500	379														-						
	-13 Hardware (Army Baseline)	5	FY 07	A	3485	2000	1485	_	400	400	285															┡		├				
	-2 Hardware (Baseline)	7	FY 07	A	1557	1100	457	300	157														_			⊢		-				
	-2 Hardware (Army Bridge)	7	FY 07	A	358	_	358		143	215																⊢						
	75 Hardware (Army Baseline)	8	FY 07	A	128	70	58	20	20	18																┡		-				
AN/PDR-	75 Hardware (Army Bridge)	8	FY 07	A	52		52	_		2	20	30				\vdash		\vdash					\vdash			\vdash						
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	-13 Hardware	10	FY 08	MC	2260		2260	_	A				188	188	188	188	188	188	188	188	188	188	188	192		▙		₩				
AN/PDR-	77 Hardware	9	FY 08	MC	475		475		A				39	39	39	39	39	39	39	39	39	39	39	46		┢		-	_			
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	-13 Hardware	10	FY 09	MC	2375		2375	_													A		-		197	197	197	197	197	197	197	996
AN/PDR-	77 Hardware	9	FY 09	MC	486		486	_													A				40	40	40	40	40	40	40	206
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	ct	Af	fter 1 O	ct			1 Oct		A	fter 1	Oct								
1	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial /]	Reorde	er		0/0			9 / 14			13			_	22 / 2		1							
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4	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial /]	Reorde	er		0/0			10 / 0			5 /	/ 0			15 / 0)								
5	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial /]	Reorde	er		0/0			3/3			5 ,	/ 5			8/8									
6	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial /]	Reorde	er		0/0			3/3			4	/ 9			7 / 12	!								
7	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial /]	Reorde	er		0/0			3/3			4	/ 8			7 / 11									
8	Canberra Dover, Dover, NJ		5		20	60		Iı	nitial /]	Reorde	er		0/0			3/3			6.	6			9/9									
9	Canberra Dover, Dover, NJ		20		50	200		Iı	nitial /]	Reorde	er		0/0			3 / 1			2	/ 5			5/6									
10	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial /]	Reorde	er		0/0			1 / 1			5 .	/ 5			6/6									

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	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	Č	N	В	R	R	Y	N	Ĺ	Ğ	P	T	v	Č	N	В	R	R		N	Ĺ	Ğ	P	R
	-13 Hardware	10	FY 09	MC	2375	1379	996		$\overline{}$	_	197	208										_			-	┡			_			
AN/PDR-	-77 Hardware	9	FY 09	MC	486	280	206	40	40	40	40	46													\vdash	⊢						
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MFR			PR	ODUCT	ION RATES										L	EAD '	ГІМЕ	S					ТОТА	L		REM	ARKS					
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						or 1 O	ct		ter 1 C	ct			1 Oct		_	fter 1 (-							
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2	Canberra Dover, Dover, NJ		100		600	2000	E		nitial / I				0/0			1/1			3.				4/8		1							
3	Canberra Dover, Dover, NJ		2		50	200	E		nitial / I				0/0			5/1			5.				10 / 6		1							
4	Canberra Dover, Dover, NJ		100		600	2000	E	_	nitial / I				0/0			10/0			5.				15/0		1							
5 6	Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ		100 100	_	600 600	2000 2000	Е		nitial / I nitial / I				0/0			3/3			5 4				8 / 8 7 / 12		1							
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8	Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ		5		20	60			ntial / I nitial / I				0/0			3/3			6.				9/9		1							
9	Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ		20		50	200			nitial / I				0/0	\dashv		3/3				/ 5			5/6		1							
10	Canberra Dover, Dover, NJ		100		600	2000		_	nuai / I nitial / I		_		0/0			1/1				/ 5			6/6		1							
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Exhibit	P-40, Budge	et Item Justifi	cation Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DEF	ENSE		P-1 Item Nome		CONTAMINATI	ON AVOIDAI	NCE (CA) LE	SS THAN \$5M	[
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	9.5	0.4									9.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	9.5	0.4									9.9
Initial Spares											
Total Proc Cost	9.5	0.4									9.9
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The NBC Fox Reconnaissance System (NBCRS) Modification provides nuclear and chemical sampling, detection, and warning equipment and biological sampling equipment integrated into a high speed, high mobility, armored carrier capable of performing reconnaissance on primary, secondary, and cross-country routes wherever combat forces are deployed. The system contains a vehicle-mounted surface sampler, chemical mass spectrometer, chemical agent monitor, chemical agent detector alarm, radiation detection device, navigation system, secure communications, area marking, and collective protection. In addition to the already fielded capabilities, the NBCRS Increment 1 modification is capable of remote chemical vapor detection at a distance up to five kilometers; adds a communications link to the digitized battle space, giving battlefield commanders more response time and improved soldier survivability; and reduces crew size from four to three.

The Chemical Agent Monitor Diagnostic Test Set (DTS) is used by direct support maintenance personnel to test and fault isolate the Improved Chemical Agent Monitor (ICAM) down to replacement module level. Tests are performed with the ICAM intact and/or when a monitor module assembly is in a chassis assembly. The DTS checks ICAM electric/electronic circuits and pneumatic circuits. It can detect minute pressure leaks in the ICAM. The DTS is lightweight and operated from either 115V or 230V ac power (60/50 Hz).

The Improved (Chemical Agent) Point Detection System (IPDS) provides an upgraded chemical detection capability relative to the Navy's Chemical Agent Point Detection System (CAPDS), which detects only nerve agents. IPDS is able to automatically detect and alarm to nerve and blister agents at lower concentration levels and reduce false alarms due to common shipboard interferents. The IPDS consists of port and starboard external air sampling and detections units, a Control Display Unit (located in Damage Control Central) and a Remote Display Unit (located on the Bridge). IPDS will be deployed as part of the Chemical and Biological (CB) detection suite aboard ships.

Exhibit P-5, Weapon WPN SYST Cost Analysis				activity/Serial N SE-WIDE/3/CHE		(JX0056	ttem Nomencla CONTAMINA SS THAN \$5M	ATION AVOID	DANCE	Weapon System	n Type:	Date: Febru	aary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
IPDS Systems Engineering IPDS Verification Testing		320 75											
TOTAL		395											

	Exhibit P-5a, Budget Pı	rocurement His	tory and Planning					Date:	February 200	17
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	IEM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JX0056)	tem Nomenc) CONTAMI	lature: INATION AV	OIDANCE (C	A) LESS T	HAN \$5M
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
CAM DTS Hardware (Army Baseline) FY 07 REMARKS:	NSWC, Crane, IN	SS/FFP	TACOM, Rock Island, IL	Feb-07	Dec-07	14	40571	Yes		

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	Exhibit P21, Produc	tion S	cneaute				(J2	X0056	5) CON	NIAN	VIINA		scal Y			(CA)	LES	S 1H.	AN \$	OM				ı	Fiscal	Year		bruary	7 200	/		
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CAM DT	S Hardware (Army Baseline)	3	FY 05	A	24		24						_	A									H			┢		4	4	4	4	8
	f1 (Bumper D31)	2	FY 05	A	1		1			\dashv				Α								\vdash			\vdash	\vdash		4	4	4	1	8
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NBCRS #	2 (Bumper CML55)	2	FY 05	A	1		1										A									┢					1	
CAM DT	S Hardware (Army Baseline)	3	FY 07	A	14		14																	Α	F							14
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MFR			PR	ODUCT	ION RATES											.EAD	TIME	S					TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					D.:	A ior 1 O		strativ	e ter 1 C	Oct		Produ	ction 1 Oct			fter 1	Oct								
Number 1	Draeger Safety Inc, Pittsburgh, PA		MIN. 50		120	MAX. 200	E E	ī,	nitial / I	Reorda	er.		0/0	κι		2/2	λί		After 2			A	4 / 4		1							
2	General Dynamics Land Systems, Detroit, MI		1		2	5	E.		nitial / I				0/0			11/9				/ 15		\vdash	28 / 2		1							
3	NSWC, Crane, IN		4		6	16	Е		nitial / I				0/0			6/4			15 /			_	21 / 1:		1							
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	Exhibit P21, Product	tion S	cneaule				(J2	20056	5) CON	NIAN	MINA			Year ((CA)	LES	SIHA	AN \$	OM]	Fiscal	Year		bruar	y 200	/		
				S	PROC	ACCEP	BAL									endar	· Yea	r 08										Year	09			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	О	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	A T E R
CAM DT	S Hardware (Army Baseline)	3	FY 05	A	24	16	8	4	4																	E			L			
CAM DT	S Hardware (Army Baseline)	3	FY 07	A	14		14			4	4	4	2													F						
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MFR			PR	ODUCT	ON RATES								A	dmini	L strativ	.EAD T	TIME		Produ	ction			TOTA	L		REM	IARKS	3				
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O	ct		ter 1 O)ct			1 Oct		A	fter 1	Oct	4							
1	Draeger Safety Inc, Pittsburgh, PA		50		120	200	Е	_	nitial / R				0/0			2/2			2 /				4 / 4		4							
3	General Dynamics Land Systems, Detroit, MI NSWC, Crane, IN		1 4		6	5 16	Е		nitial / R nitial / R				0/0			11/9 6/4			17 / 15 /			_	28 / 2 21 / 1		-							
3	NSWC, Crane, IN		4		υ	10	E	Ir	пааг / К	ceorde	:1		0/0			0/4			15 /	11			21 / I	s								

Exhibit	P-40, Budge	t Item Justif	ication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	FENSE		P-1 Item Nome		1) AUTO CHEM	ICAL AGENT	T ALARM (AC	CADA), M22	
Program Elements for Code B Items:			Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	28199	3050	471								31720
Gross Cost	260.4	34.5	14.4								309.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	260.4	34.5	14.4								309.3
Initial Spares											
Total Proc Cost	260.4	34.5	14.4								309.3
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Automatic Chemical Agent Detector and Alarm (ACADA) is a man-portable automatic alarm system capable of detecting blister and nerve agents/vapors. The ACADA has improved agent sensitivity, response time, and interference rejection. The ACADA operates independently after system start-up, detects automatically for a minimum of 24 hours, provides audio and visual alarms, and has a communication interface to support battle space automation systems. The ACADA provides a first time, point detection capability to automatically detect blister agents. The ACADA allows battle space commanders to use information obtained to make rapid and effective decisions concerning the adjustment of protective posture of their soldiers. The ACADA meets the critical needs of the US Forces for an automatic point sampling chemical agent alarm. A shipboard ACADA variant was developed to operate under shipboard specific environments.

NOTE: The FY 2006 ACADA program contains \$7.6M of Emergency Supplemental Funding.

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N SE-WIDE/3/CHE		(M98801	Item Nomencla I) AUTO CHEM I (ACADA), M2	IICAL AGEN	Γ	Weapon System	m Type:	Date: Febru	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M22 ACADA Hardware	A	26629	2536	10.500	6435	550	11.700						
Engineering Support (Gov't)		1569			953								
System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training)		916			450								
M22 ACADA Hardware (Supplemental)	A	5397	514	10.500	6599	564	11.700						
TOTAL		34511			14437								

	Exhibit P-5a, Budget	Procurement Hi	istory and Planning					Date:	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DEFENSE	Weapon System Ty	pe:			tem Nomeno 301) AUTO		AGENT ALAI	RM (ACAD	OA), M22
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
M22 ACADA Hardware FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Dec-06	Mar-07	550	11700	Yes		
M22 ACADA Hardware (Supplemental) FY 06	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Aug-06	Feb-07	514	10500	Yes		
FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jun-07	Jul-07	564	11700	Yes		
M22 ACADA Hardware (Army Baseline)										
FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jan-07	May-07	678	10701	Yes		
M22 ACADA Hardware (Army Bridge) FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jan-07	May-07	216	11722	Yes		

The ACADA contract type for all fiscal years is indefinite delivery/indefinite quantity (basic contract with no options).

FY07 Army Baseline and Bridge/Reset funds awarded on same contract but listed on separately on P5A for tracking and reporting purposes.

Major System Type:		Exhibit P-5a, Budget	Procurement His	story and Planning					Date:	ebruary 200)7
M22 ACADA Hardware (Main Army Supplemental) FY 07 Method and Type Method and Type Revsn Avail Date Solivery Each \$ \$ Now? Avail Date Revsn Avail Date Polivery Each \$ \$ Now? Avail Date Avail Polivery Seach \$ \$ Now? Avail Date Polivery Avail Polivery Avail Date Revsn Avail Date Polivery Avail Seven Avail Now? Avail Date		CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line It (M988	em Nomeno 01) AUTO	clature: CHEMICAL A	AGENT ALAI	RM (ACAD	A), M22
Supplemental) FY 07 Smiths Detection, SS/FFP RDECOM, APG, MD Apr-07 Aug-07 3364 11702 Yes	WBS Cost Elements:	Contractor and Location	Method	Location of PCO					Avail	Revsn	RFP Issue Date
	Supplemental)		SS/FFP	RDECOM, APG, MD	Apr-07	Aug-07	3364	11702	Yes		

The ACADA contract type for all fiscal years is indefinite delivery/indefinite quantity (basic contract with no options).

FY07 Army Baseline and Bridge/Reset funds awarded on same contract but listed on separately on P5A for tracking and reporting purposes.

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	Exhibit P21, Producti	on S	cneaule					(M98	801) A	AUIC	CHI			GEN Year (AKM	I (AC	ADA,	, M2	2				I	iscal	Year		oruary	2007			
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	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
M22 ACA	ADA Hardware	2	FY 05	A	4234	2213	2021	500	500	500	521																					
M22 ACA	ADA Hardware	4	FY 06	A	1400		1400						A			100	300	400	300	300												
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M22 ACA	ADA Hardware	4	FY 07	A	550		550															A			300	250						
	ADA Hardware (Supplemental) ADA Hardware (Army Baseline)	4 5	FY 07 FY 07	A A	564 678		564 678																A				78	A 300	243 300	321		
M22 ACA	ADA Hardware (Army Bridge) ADA Hardware (Main Army Supplemental)	4 6	FY 07 FY 07	A A	216 1531		216 1531																Α			A	216					1531
	ADA Hardware (Main Army Supplemental)	6	FY 07	NG	1833		1833																			A				114	300	1419
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O			fter 1 C	Oct			1 Oct		A	fter 1	Oct								
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2	Smiths Detection, Watford, UK		20		500	1500	Е		nitial / F			_	2/2			9/4			7.				16/9		-							
3	Smiths Detection, Watford, UK		20		500	1500	Е		nitial / F				2/2			9/4				/ 5			16/9		1							
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	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
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	ADA Hardware (Main Army Supplemental)	6	FY 07	A	1531		1531					81	300	300	300	300	250					-	┢	-	-	-						
M22 ACA	ADA Hardware (Main Army Supplemental)	6	FY 07	NG	1833	414	1419	300	300	300	300	219											-			-						
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Number 1	NAME/LOCATION Smiths Detection, Watford, UK		MIN. 20		1-8-5 500	MAX. 1500	UOM E	т.	delat / I	Dags 1			ior 1 C	ct		ter 1 C	oct			1 Oct		А	fter 1 (1							
2	Smiths Detection, Watford, UK Smiths Detection, Watford, UK		20		500	1500	E E		nitial /] nitial /]				2/2			9/4				/ 5 / 5		\vdash	16/9		1							
3	Smiths Detection, Watford, UK		20		500	1500	E E	_	nitial / l				2/2			9/4				/ 5		\vdash	16/9		1							
4	Smiths Detection, Edgewood, MD		20		500	1500	L	_	nitial / 1				0/0			5/2				/ 4			9/6		1							
5	Smiths Detection, Edgewood, MD		20		500	1500		_	nitial / 1				0/0			3/3				/ 5		T	8/8		1							
6	Smiths Detection, Edgewood, MD		20		500	1500			nitial /]				0/0			6/6				/ 5			11 / 1		1							
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Exhibi	it P-40, Budge	et Item Justif	fication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DI	EFENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome) JOINT NBC RI	ECONNAISS <i>I</i>	ANCE SYSTE	EM (JNBCRS)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	14		16	14	31	26	34	40	38		213
Gross Cost	96.4	31.2	52.6	50.4	75.3	101.4	119.5	159.7	164.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	96.4	31.2	52.6	50.4	75.3	101.4	119.5	159.7	164.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	96.4	31.2	52.6	50.4	75.3	101.4	119.5	159.7	164.0	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) High Mobility Multi-purpose Wheeled Vehicles M1113, Light Armored Vehicles 2, and the Stryker provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards.

The Joint Nuclear Biological and Chemical Reconnaissance System I (JNBCRS 1), formerly the JSLNBCRS, is a NBC detection and identification system. The major segments are the Base Vehicle (BV), Command and Control, and NBC Equipment Suite. The base vehicle segment consists of the vehicle, life support subsystem, and power supply subsystems. The NBC equipment suite performs the vital functions of detecting, identifying, collecting, and marking NBC hazards and toxic industrial chemicals.

The JNBCRS II fills a mission critical need to enhance Chemical, Biological, Nuclear (CBRN) reconnaissance platoon capabilities. The JNBCRS II consists of both commercial and government off-the-shelf equipment to provide detection, presumptive identification, sample collection, marking, and immediate reporting of standard NBC hazards, to include hazardous industrial materials. The sensor suites are housed on a M1151 HMMWV. The trailer towed by the HMMWV contains various sensor decontamination and individual protection equipment.

The JNBCRS III integrates improved sensors into the JNBCRS, while optimizing design to improve human factor aspects of the configurations. The sensor suites consist of the following: Joint Contaminated Surface Detector (JCSD), Chemical Biological Mass Spectrometer II, Biological Agent Warning Sensor IV, and Dry Filter Unit in lieu of the Joint Biological Point Detection System

JUSTIFICATION: FY08 JNBCRS I funds integrate six LAVs and seven HMMWVs.

FY08 JNBCRS II funds procure one trailer, training devices, and initial spares for commercial and government off-the-shelf (COTS & GOTS) equipment.

NOTE: The name of the Joint Service Light-Weight Nuclear, Biological, Chemical Reconnaissance System (JSLNBCRS) program is changed to JNBCRS Increment 1 effective FY08, to reflect the expanding mission and capabilities of the program.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (MC0100	0) JOINT NBC RECONNAISSANCE SYSTEM (JNBCRS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5	В			

RDT&E Code B Item

The Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) High Mobility Multi-purpose Wheeled Vehicles M1113, Light Armored Vehicles 2, and the Stryker provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards. The Joint Nuclear Biological and Chemical Reconnaissance System I (JNBCRS 1), formerly the JSLNBCRS, is a NBC detection and identification system. The major segments are the Base Vehicle (BV), Command and Control, and NBC Equipment Suite. The base vehicle segment consists of the vehicle, life support subsystem, and power supply subsystems. The NBC equipment suite performs the vital functions of detecting, identifying, collecting, and marking NBC hazards and toxic industrial chemicals. The JNBCRS II fills a mission critical need to enhance Chemical, Biological, Nuclear (CBRN) reconnaissance platoon capabilities. The JNBCRS II consists of both commercial and government off-the-shelf equipment to provide detection, presumptive identification, sample collection, marking, and immediate reporting of standard NBC hazards, to include hazardous industrial materials. The sensor suites are housed on a M1151 HMMWV. The trailer towed by the HMMWV contains various sensor decontamination and individual protection equipment. The JNBCRS III integrates improved sensors into the JNBCRS, while optimizing design to improve human factor aspects of the configurations. The sensor suites consist of the following: Joint Contaminated Surface Detector (JCSD), Chemical Biological Mass Spectrometer II, Biological Agent Warning Sensor IV, and Dry Filter Unit in lieu of the Joint Biological Point Detection System

RDT&E FY05 and Prior - 110.8M; FY06 - 13.2M; FY07 - 1.7M; FY08 - 11.5M; FY09 - 9.6M; FY10 - 9.1M; FY11 - 5.3M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
JNBCRS I HMMWV (LRIP) First Article Test (FAT)	4Q FY05	4Q FY05
JNBCRS I Multi-service Operational Test and Evaluation (MOT&E) for HMMWV and the LAV	3Q FY06	4Q FY06
JNBCRS I Milestone C Full Rate Production (FRP) Decision	2Q FY07	2Q FY07
JNBCRS II Prod Verification Test - Commercial off-the-shelf Equip	4Q FY08	2Q FY09
JNBCRS III Sensor Improvement & Human Factors Eng Improvement	1Q FY08	4Q FY09
JNBCRS III Conduct Operational Test & Evaluation	2Q FY09	3Q FY09

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	ctivity/Serial N		(MC010	ttem Nomencla 0) JOINT NBC M (JNBCRS)		SANCE	Weapon System	n Type:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JNBCRS I													
HMMWV M1113													
HMMWV Base Vehicle	Α				1144	13	88	637	7	91	465	5	93
CBMS II	В				2191	7		1600				-	
ACADA (Depot Purchase)	A				143			77	7		55	5	11
ICAM (Depot Purchase)	A				78			42	7		30		6
RADIAC AN /VDR-2 (Depot Purchase)	A				78	I		42	7		30		6
Comm/Nav Equipment					864	12		518	7	74	750	10	75
Components for FRP Assembly Contract					7605			3885	7	555	2640	5	528
(HMMWV)													
FRP Assembly Contract (HMMWV)					10829	13	833	5656	7	808	3920	5	784
Test Support/Acceptance/First Article Test		652			670			770			785		
3. ECOs		1160			1050			950			760		
4. Engineering and Technical Support (Gov't)		2250			3328			3150			2710		
5. Quality Control (Gov't)		550			600			420			340		
6. Specifications & Drawings		150											
7. System Fielding Support (Total Package Fielding,					2030			1750			1220		
First Destination Transportation, New Equipment													
Training).													
8. Initial Spares					5474			3192			4075		
9. Interim Contractor Support					1570			2690			5140		
10. TADSS		570			588			405			524		
LAV II Variant													
LAV II Variant Base Vehicle		14000	8	1750	7568	4	1892						
CBMS II	В	14000	0	1730	626			4382	14	313			
ACADA (Depot Purchase)	ים				020		313	66	6		154	14	11
ICAM (Depot Purchase)								36			84	14	6
RADIAC ADM 300								6			14	14	1
Comm/Nav Equipment	В	880	10	88				66	6		154	14	11
Associated Support Items of Equipment	-	235	10	23.500				00	Ĭ		131	11	
(ASIOE)		233	10	20.000									
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Exhibit P-5, Weapon WPN SYST Cost Analysis			_	activity/Serial N SE-WIDE/3/CHE		(MC010	ttem Nomencla 0) JOINT NBC M (JNBCRS)		SANCE	Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Components for LRIP Assembly Contract (LAV II)								5292	6	882	11578	14	827
FRP Assembly Contract (LAV II) 2. Test Support/Acceptance/First Article Test 3. Software Development 4. ECOs 5. Engineering and Technical Support (Gov't) 6. Quality Control (Gov't) 7. TADSS 8. Specifications and Drawings 9. Training Materials 10. Technical Manuals 11. Interim Contractor Support 12. System Fielding Support (Total Package Fielding, First Destination Transportation, New Equipment Training) 13. Initial Spares		1718 1613 1100 1400 537 713 537 700 2386			750 1350 300 1100 280 530 100 1670			2718 825 1475 925 2000 300 500 600 131 1200	6	453	5446 850 1380 865 1950 300 550 530 100 1150 3520 1470		389
JNBCRS II 1. Trailer (JNBCRS II) 2. Initial Spares 3. First Article Test (FAT) 4. Production Verification Test (PVT) 5. Training Devices 6. Specifications & Drawings 7. Technical Manuals 8. Engineering Support (Govt) JNBCRS III 1. Performance, RAM & Electro Magnetic Interference Test 2. Engineering & Field Service Test Support (Contr)								760 310 250 309 350 700	1	760	3040 1241 750 1000 950 1500 1000 5541	4	760

Exhibit P-5, Weapon WPN SYST Cost Analysis				ctivity/Serial N SE-WIDE/3/CHE		(MC010	Item Nomencla 0) JOINT NBC M (JNBCRS)		SANCE	Weapon System	т Туре:	Date: Febri	uary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
3. Quality Assurance											1500		
TOTAL		31151			52586			50385			75261		

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date: F	February 200	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Type	::			tem Nomeno 00) JOINT N		NAISSANCE	SYSTEM (J	INBCRS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
HMMWV Base Vehicle										
FY 07	Unknown	C/FFP	Unknown	Jun-07	Jul-08	13	88000	Yes		
FY 08	Unknown	C/FFP (OPT I)	Unknown	Jan-08	Feb-09	7	91000	Yes		
FY 09	Unknown	C/FFP (OPT 2)	Unknown	Jan-09	Sep-09	5	93000	Yes		
FRP Assembly Contract (HMMWV)										
FY 07	Unknown	C/FFP	Unknown	Jun-07	Jul-08	13	833000	Yes		
FY 08	Unknown	C/FFP (OPT 1)	Unknown	Jan-08	Feb-09	7	808000	Yes		
FY 09	Unknown	C/FFP (OPT 2)	Unknown	Jan-09	Feb-10	5	784000	Yes		
LAV II Variant - Base Vehicle										
FY 07	General Dynamics, Ontario,	C/FFP (OPT 1)	TACOM, RI, IL	Mar-07	Oct-08	4	1892000	Yes		
	Canada									
FRP Assembly Contract (LAV II)										
FY 08	Unknown	C/FFP (OPT 1)	Unknown	Jan-08	Feb-09	6	453000	Yes		
FY 09	Unknown	C/FFP (OPT 2)	Unknown	Jan-09	Feb-10	14	389000	Yes		
Trailer (JNBCRS II)										
FY 08	Unknown	C/FFP	Unknown	Jan-08	Sep-08	1	760000	Yes		

	Exhibit P-5a, Budget Pr	rocurement Hist	ory and Planning					Date:	ebruary 200	17
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE		Weapon System Type:			P-1 Line It (MC010	tem Nomenc 00) JOINT N	lature: NBC RECONN	NAISSANCE S	SYSTEM (J.	NBCRS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Trailer (JNBCRS II) (cont)										
FY 09	Unknown	C/FFP (OPT I)	Unknown	Jan-09	Sep-09	4	760000	Yes		
REMARKS:										

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LAV II V	ariant - Base Vehicle	3	FY 06	MC	8		8								A																	8
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	embly Contract (HMMWV)	4	FY 07	AF	13		13																					A				13
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LAV II V	ariant - Base Vehicle	3	FY 06	МС	8		8									2	2	2	2													
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FRP Asse	embly Contract (HMMWV)	4	FY 07	AF	13		13										2	2	2	2	2	2	1									
LAV II V	ariant - Base Vehicle	3	FY 07	MC	4		4													2	2											
HMMWV	Base Vehicle	4	FY 08	AF	7		7				Α													2	2	2	1					
FRP Asse	mbly Contract (HMMWV)	4	FY 08	AF	7		7				Α													2	2	2	1					
FRP Asse	embly Contract (LAV II)	4	FY 08	MC	6		6				A													2	2	2						
Trailer (J	NBCRS II)	5	FY 08	A	1		1				A								1				_			┡						
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	embly Contract (LAV II)	4	FY 09	MC	3 14		3 14																A			\vdash						5 14
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1	Northrop Grumman, Sierra Vista, AZ		2		3	10	Е	Iı	nitial /	Reord	er		3/0			4/5			2 /	/ 10			6 / 15	5						's initia		F74.0.4
2	Northrop Grumman, Sierra Vista, AZ		2		6	10	Е	Iı	nitial /	Reord	er		0/0			7 / 11			16	5 / 8			23 / 1	9				ad time t basis.		culated	using	FY06
3	General Dynamics, Ontario, Canada		2		2	4	Е	Iı	nitial /	Reord	er		6/0			7/5			26	/ 20			33 / 2	5		11						
4	Unknown		2		6	10	Е	Iı	nitial /	Reord	er		0/0			8/3			14	/ 14			22 / 1	7								
5	Unknown		2		2	4	Е	Iı	nitial /	Reord	er		0/0			3/3			9	/9			12 / 1	2								

Exhibit	P-40, Budge	et Item Justifi	cation Shee	et			Date:	F	ebruary 2007				
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3	/CHEM-BIO DEI	FENSE		P-1 Item Nome		1) IMPROVED C	HEMICAL AG	GENT MONIT	OR (ICAM)			
Program Elements for Code B Items:	Prior Years FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete To Complete												
	P-1												
Proc Qty	17717	2342									20059		
Gross Cost	85.1	18.1									103.3		
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	85.1	18.1									103.3		
Initial Spares													
Total Proc Cost	85.1	18.1									103.3		
Flyaway U/C									ENT MONITOR (ICAM) FY 2013 To Complete Total 1 2000: 103				
Wpn Sys Proc U/C													
· · · · · · · · · · · · · · · · · · ·			·	·	·	· ·			·	·	·		

DESCRIPTION: The Improved Chemical Agent Monitor (ICAM) is a hand-held, service member operated device for monitoring chemical agent contamination on personnel and equipment. The ICAM detects vapors from chemical agents on the surface by sensing the molecular ions of specific mobilities (time-of-flight). It uses special timing and microprocessor techniques to reject interference and false alarms. The ICAM detects and discriminates between vapors of nerve and mustard agents. It identifies and provides a positive indication of specific areas and relative levels of contamination hazard. The ICAM consists of a drift tube, electronics board, molecular sieve, vacuum pump, and buzzer. It includes expendables such as batteries, a battery pack, test simulant, and dust filters. The ICAM is a smaller, lighter upgrade of the CAM which significantly improves reliability and maintainability.

NOTE: The FY 2006 ICAM program contains \$4.4M of Emergency Supplemental Funding.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/Budget Activity/S PROCUREMENT DEFENSE-WIDE DEFENSE FY 06				(S02201	ttem Nomencla) IMPROVED (OR (ICAM)	ature: CHEMICAL AC	GENT	Weapon Syster	т Туре:	Date: Febru	nary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ICAM Hardware	A	7680	1506	5.100									
First Article Testing		1000											
Engineering Support (Gov't)		866											
System Fielding Support (Total Package Fielding, First Destination Transportation, & New Equipment Training) (Gov't)		1400											
2. ICAM Hardware - Supplemental	A	4102	836	4.907									
System Fielding Support (Total Package Fielding, First Destination Transportation & New Equipment Training) (Gov't)		278											
Engineering Support (Gov't)		20											
System modification and fielding for Navy shipboard applications		2800											
TOTAL		18146											

	Exhibit P-5a, Budget	Procurement H	story and Planning					Date: F	February 20	07
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-W	/IDE/3/CHEM-BIO DEFENSE	Weapon System Ty	pe:			tem Nomeno 11) IMPRO		CAL AGENT	MONITOR	(ICAM)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu
ICAM Hardware FY 06	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Mar-06	Sep-07	1506	5100	Yes		
ICAM Hardware - Supplemental FY 06	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Sep-06	Mar-08	836	4907	Yes		
ICAM Hardware (Army Baseline)										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Jun-08	700	5000	Yes		
	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Jan-07	Feb-09	927	5000	Yes		
ICAM Hardware (Army Bridge)										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Jun-08	139	5000	Yes		

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (S0220	em Nomeno 1) IMPROV	lature: /ED CHEMIC	CAL AGENT I	MONITOR	(ICAM)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
ICAM Hardware (Army Bridge) (cont)	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Jan-07	Aug-08	1583	5000	Yes		
REMARKS:										

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	Exhibit P21, Produ	ction S	cneaute					(3022	01) IN	MPRU	JVEL					I MO	MII	OK (I	CAM,)						X 7		bruary	/ 200	/		
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				S	PROC	ACCEP	BAL			_						endar	· Yea	ır 06								Calei		ear ()7			Α
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ICAM Ha	ardware	3	FY 02	A	685	406	279		279														_									
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ICAM Ha	ardware	3	FY 03	A	1071		1071		521		350	200														Н			Н			
ICAM Ha		6	FY 03	Α	1071	871	200	200																		Т			Г			
										\neg																Т			Г			
ICAM Ha	ardware	1	FY 05	AF	700		700					100	300	300																		
ICAM Ha	ardware USAF	4	FY 05	A	219		219						Α															82	137			
ICAM Ha	ardware	4	FY 06	Α	652		652						A																		94	558
ICAM Ha	ardware	4	FY 06	N	854		854			_			A													L						854
ICAM Ha	ardware - Supplemental	5	FY 06	A	836		836			_									Α							╙						836
ICAM M	isc Customers	6	FY 06	A	82		82			_			Α													_		18		64		
ICAM JP	M Guardian	6	FY 06	J	225		225		Ш	_			A										_			┡			3	180	42	
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	ardware (Army Baseline)	7	FY 07	A	700		700			_												A				┡						700
	ardware (Army Baseline)	7	FY 07	NG	927		927			_													Α			-						927
	ardware (Army Bridge)	7	FY 07	A	139		139		\vdash	\dashv												A	_			┢			H	-		139
ICAM Ha	ardware (Army Bridge)	7	FY 07	NG	1583		1583			-													A			⊢			H			1583
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C)ct		ter 1 O				1 Oct			fter 1 (Most of rmy un		c custo	mer de	eliveries
1	General Dynamics-ATP, Charlotte, NC		50		300	600	Е		nitial / I				0/0			20 / 4			3 /				23 / 17			r-1,000	10 /1					
2	General Dynamics-ATP, Charlotte, NC		50		300	600	Е		nitial / I				0/0			8/1			11				19 / 1		-							
3	General Dynamics-ATP, Charlotte, NC		50		300	600	Е		nitial / I				0/0			8/1			8 /				16 / 17		-							
4	Smiths Detection, Edgewood, MD		50		175	400	E		nitial / I				0/0			5/5				/ 19		_	21 / 24		1							
5	Smiths Detection, Edgewood, MD		50 50		175	400	Е		nitial / I				0/0			11/0			19			_	30 / 0		1							
6	Smiths Detection, Edgewood, MD		50		175	400 400	F		nitial / I				0/0			5/5				/ 17			21 / 22		1							
7 8	Smiths Detection, Edgewood, MD Smiths Detection, Edgewood, MD		50 50		175 175	400	Е		nitial / I nitial / I				0/0			2/3 8/3				/ 20 / 16		_	21 / 23 32 / 19		ł							
δ	Simus Detection, Eugewood, MD		30		1/3	400		Ir	nual / l	Keorae	1 1		070			0/3		_	24 ,	/ 10		\vdash	34/19	7	1							

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		М	FY	Е	QTY	PRIOR	DUE	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	A T
	COST ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
ICAM Ha	nrdware	4	FY 06	A	652	94	558		265		293																					
ICAM Ha		4	FY 06	N	854	-	854	230		300	7	300	17																			
	ardware - Supplemental	5	FY 06	A	836		836						233	300	300	3																
ICAM Ha	ardware (Army Baseline)	7	FY 07	A	700		700									158	300	242								Н						
ICAM Ha	ardware (Army Baseline)	7	FY 07	NG	927		927																	275	300	300	52					
ICAM Ha	ardware (Army Bridge)	7	FY 07	A	139		139									139																
ICAM Ha	ardware (Army Bridge)	7	FY 07	NG	1583		1583											58	300	300	300	300	300	25								
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Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Oct	Af	fter 1 C	ct		After	1 Oct		A	fter 1	Oct	FP0	500/JS	60400.	Most	of miso	_		eliveries
1	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			20 / 4			3 /	13			23 / 1	7	are	paybac	k to A	rmy un	its.			
2	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			8 / 1			11	/ 0			19 / 1	l								
3	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			8 / 1			8 /	16			16 / 1	7								
4	Smiths Detection, Edgewood, MD		50		175	400	Е	Iı	nitial / l	Reorde	er		0/0			5/5			16	/ 19			21 / 2	4	1							
5	Smiths Detection, Edgewood, MD		50		175	400	Е	Iı	nitial / l	Reorde	er		0/0			11/0			19	/ 0			30 / 0)	1							
6	Smiths Detection, Edgewood, MD		50		175	400		Iı	nitial / l	Reorde	er		0/0			5/5			16	/ 17			21 / 2	2	1							
7	Smiths Detection, Edgewood, MD		50	_	175	400	Е	Iı	nitial / l	Reorde	er		0/0			2/3			19	/ 20			21 / 2	3	1							
8	Smiths Detection, Edgewood, MD		50		175	400		Iı	nitial / l	Reorde	er		0/0			8/3			24 /	/ 16			32 / 1	9	1							
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Exhibit	P-40, Budge	t Item Justii	fication Shee	et			Date:	F	ebruary 2007		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEF	FENSE-WIDE/3/	/CHEM-BIO DE	EFENSE		P-1 Item Nome		JS LTWT STAN	DOFF CW AC	T DETECTO	R (JSLSCAD)	
Program Elements for Code B Items:			Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	31		37	38					11		117
Gross Cost	11.7	14.6	19.5	16.4					10.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	11.7	14.6	19.5	16.4					10.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	11.7	14.6	19.5	16.4					10.0	Continuing	Continuing
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The Joint Service Lightweight Stand-off Chemical Agent Detector (JSLSCAD) is the first chemical vapor detection system to give 360 degree, on-the-move, stand-off vapor detection at distances of up to two kilometers. JSLSCAD will provide warfighters an early warning capability to avoid contaminated battle spaces or, if avoidance is not possible, time to don protective masks and clothing. JSLSCAD is a ruggedized, passive, infrared (IR) detection system that automatically searches the surrounding atmosphere for chemical agent vapor clouds. Once a detection is made, JSLSCAD identifies the agent cloud and alerts the warfighter with audible and/or visual alarms. It also indicates the direction and extent of the agent cloud on a graphical computer display and forwards the Nuclear, Biological, Chemical (NBC) report details thru the Joint Warning and Reporting Network (JWARN). JSLSCAD applications include the following platforms: Joint Service NBC Reconnaissance System (JSNBCRS); and NBCRV. Increment 1 and follow-on Pre-planned Product Improvement efforts (formerly called Increment 2) will provide an initial capability and be used for ground mobile reconnaissance applications.

JUSTIFICATION: FY08 funding procures 38 JSLSCAD systems.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2007
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (S10801)	JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD)
Program Elements for Code B Items: 0603884BP/Proj CA4; 0604384BP/Proj CA5	Code: B	Other Related	Program Elements:	

RDT&E Code B Item

The Joint Service Lightweight Stand-off Chemical Agent Detector (JSLSCAD) is the first chemical vapor detection system to give 360 degree, on-the-move, stand-off vapor detection at distances of up to two kilometers. JSLSCAD will provide warfighters an early warning capability to avoid contaminated battlespaces or, if avoidance is not possible, time to don protective masks and clothing. JSLSCAD is a ruggedized, passive, infrared (IR) detection system that automatically searches the surrounding atmosphere for chemical agent vapor clouds. Once a detection is made, JSLSCAD identifies the agent cloud and alerts the warfighter with audible and/or visual alarms. It also indicates the direction and extent of the agent cloud on a graphical computer display and forwards the Nuclear, Biological, Chemical (NBC) report details through the Joint Warning and Reporting Network (JWARN). JSLSCAD applications include the following platforms: Joint Service NBC Reconnaissance System (JSNBCRS); and NBCRV. Increment 1 will provide an initial ground mobile reconnaissance capability, while the Pre-planned Product Improvement effort (formerly called Increment 2) will provide additional follow on capability.

RDT&E FY05 and Prior - 127.3M; FY06 - 18.2M; FY07 - 18.5M; FY10 - 11.2M; FY11 - 10.1M; FY12 - 7.2M; FY13 - 6.4M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Milestone C Full Rate Production (FRP) Decision	2Q FY07	2Q FY07
Pre-Planned Product Improvement (P3I)	1Q FY07	4Q FY08
P3I Engineering Development Test (EDT)	3Q FY07	4Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis			-	.ctivity/Serial N SE-WIDE/3/CHE		(S10801	· Item Nomencla) JS LTWT STΑ ΓOR (JSLSCAD	ANDOFF CW A	AGT	Weapon Syster	п Туре:	Date: Febru	ary 2007
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSLSCAD - Prod Units	A				14060	37	380	14440	38	380			
First Article Test					3500								
Engineering Support		117			719			700					
Contractor Logistics Support					300			350					
Technical Data, Engineering Change Proposals (ECPs)					318			300					
System Fielding Support (Total Package Fielding, First Destination Transportation and NET)					600			650					
Production Readiness Review		2498											
Pre-Planned Product Improvement (P3I) Design		2000											
Incorporate Inc 2 Platform Engineering Change Orders		5000											
Technical Manual Development		2000											
Incorporate Inc 2 Sensor and Integration Design Changes		3000											
Note: \$12.0M in FY06 funds support NBCRV hull modifications to allow vehicle acceptance of the JSLSCAD sensor suite.													
TOTAL		14615			19497			16440					

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	7
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (S10801	em Nomenc) JS LTWT	lature: STANDOFF (CW AGT DET	ECTOR (J.	SLSCAD)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSLSCAD - Prod Units										
FY 07	General Dynamics, Charlotte, NC	SS/FFP	RDECOM, APG, MD	May-07	May-08	37	380000	Yes		
FY 08	General Dynamics, Charlotte, NC	SS/FFP (OPT 1)	RDECOM, APG, MD	Jan-08	Dec-08	38	380000	Yes		
REMARKS:										

	E 1214 PA1 P 1	4. G				P-1 Item	Nomenclati		1) IG I	CDXX III	T. CIT.	NIDO	NEE C	1887 A	CT D	ETE(TTO) (IGI	GG A	D)				Date:			Б.		2005	7		
	Exhibit P21, Produc	ction S	cneaule				(2	1080	1) JS I	LIW	1 514			ear (EIEC	ЛОК	(JSL	SCA	D)				I	Fiscal	Year		oruary	200	/		
				S	PROC	ACCEP	BAL									endar	r Yea	r 06										ear 0	17			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
JSLSCAI	O - Prod Units Retrofit - Increment 1	1	FY 05	A	4		4	4																								
JSLSCAI	O - Prod Units	2	FY 07	A	37		37																				A					37
																									F	F						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES								A	dmini	L strativ	.EAD '	TIME	S	Produ	ction			ТОТА	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O	ct	Af	ter 1 C	Oct		After	1 Oct		A	fter 1 (Oct								
1	General Dynamics, Charlotte, NC		3		40	75	Е		nitial / F				0/0			8/2			13 /				21 / 1		4							
2	General Dynamics, Charlotte, NC		3		6	17	Е	Ir	nitial / F	Reorde	er		0/0			7/3			13 /	/ 12			20 / 1	5								
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	Exhibit P21, Produc	ction S	chedule				(5	51080	1) JS l	LTW'	T STA					ETEC	СТОБ	R (JSL	SCA	D)								bruary	2007	7		
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				S	PROC	ACCEP	BAL			_					Cal	endaı	r Yea	r 08				_				Caler	ıdar Y	Year 0	9			L A
		M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	0 C	N O	D F	J A	F E	M A	A P	M A	J U	J U	A U	S E P	0	N O	D F	J Δ	F E	M Δ	A P	M Δ	J U	J U	A U	S E	T E
	COST ELEMENTS	R		V		1 OCT	1 OCT	C T	v	E C	N	В	R	R	Y	N	L	Ğ	P	C T	v	E C	A N	В	A R	R	A Y	N	Ĺ	Ğ	P	R
ISI SCAI	O - Prod Units	2	FY 07	A	37		37								3	3	4	5	6	6	6	4			\vdash	\vdash						
JSLSCAI	5-110d Ollits	2	1107	Α	31		31								3	3	4	3	0	0	0	4										
JSLSCAI	O - Prod Units	2	FY 08	A	5		5				Α																	5				
JSLSCAI	O - Prod Units	2	FY 08	MC	33		33				A											2	6	6	6	6	6	1				
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